1 L C 47
17. 1.

File No. 276

1885.

Collection No. 2

S&S 17.
16.1.14

Mysore Residency

Fros. Serial Nos. 17 - 42, 42 & 43

47

Subject.

Military roads replaced under municipal control with a grant of Rs 420 per mile per year, this arrangement being subject to revision after 3 years (1892)

Previous References.

Later References.

S. 97. (Blue.)

MGIPC—FP—725DCF—S&P—(G-1576)—14-3-28—60,000.

S. No. 17

Letter No. 4769 dated 28: August 1891 from the Madras Govt in the Military Deptt & enclosures, in which a proposal is made that certain of the roads included in the Military roads within the C & M station should cease to remain as such in future, the maintenance thereof being met from municipal revenues.

From 1st April 1891, the Military roads were taken over by the Military Works Deptt & the grant hitherto made to the [redacted] municipality for their upkeep viz Rs 6,300/- ceased.

List Rec'd No. 17.

The Chief Engineer Madras Military Works addressed the Army Head Quarters & said that the roads marked yellow in tracing No. II did not seem to be in any way connected with the needs of the troops. The General Officer Commanding Bangalore having considered that these roads should cease to be maintained from Imperial Roads. The Commander-in-Chief, Madras, concurred

view, and proposed to the Madras Govt the relinquishment of these roads. H.E. the Governor in Council wishes to be informed of the Resident's opinion before passing orders on the Commander-in-Chief's reference

Before the Municipality took charge of the military roads in 1885, the roads in question appear to have been maintained by the Madras Govt., & they have been so treated up to date. The Commander-in-Chief says that he is not aware of the circumstances under which all the roads mentioned in page 2 of Sl. No. 1/a have been maintained from Imperial funds. From the correspondence in Sl. No. 1/a it will be seen that the then military authorities accepted all these roads to be required by the military dept.

Sl. No. 1/a

* There are no papers in this office to show why the roads in question were maintained by the Madras Govt. prior to 1885.

The roads now proposed to be made over to the Municipality are enumerated in para 4 of the Chief Engineer's letter No. 5968 of 14: July 1891 marked in yellow in tracing No. II.

(Continuation of Note or Precis)

The question may, if approved, be referred to the C & M Station Municipality. The correspondence need not be communicated to them. A copy of tracing No. II can be prepared in the Coorg P.W. Branch & the President also may be asked why the roads in question should not be taken over by the Municipality unless it can be shown that they are absolutely needed for military requirements

Submitted for orders.

AS
9-9-91 Read these documents
the roads proposed to be handed over to them? Letters will
issue requesting reports as to
what are these roads, on which
they have not yet been kept in
efficient order

10/9

From this they must show cause why
the Madras Govt should maintain them

11/9

Send, stating correspondence to be returned & mark if they have any objection to take over the Roads

11/9

X
In connection of Roads?

Dupl to the President submitted for approval.

A.I

11-9-91

Letter No. 2756/765 Sn 1 dy 14-9-91 received by the President

KB 14/9/91

D. 18

With letter No. 561 dated 28 September 1891, the President municipality forwards a copy of the resolution of the Council regarding the purpose of the military authorities that certain roads in the Cantonments should cease to be maintained from Imperial revenues.

D. 19

The Council object to take over these roads because they are said to have been originally constructed for military purposes & maintained up to date from municipal military funds. The military however have now said that these roads are not in any way connected with the needs of the garrison, & supposing they cease to be maintained, the military population will not be

(Continuation of Note or Precis)

just add much inconvenience.
These roads are mostly used by
sheps & bullocks belonging to the
Civil population & it appears to be
the duty of the Municipality to
provide proper communications for
the use of the rate payers.
The Commrs however are willing
to take charge of the roads in question
provided the military pay for their
upkeep at Rs 500/- a mile. It
should be noted that military
roads were up to April 1891 main-
tained by the Municipality at a
rate of Rs 300/- a mile. ~~The proposal~~
~~of the Commrs about the rate is~~
~~unreasonable~~.

If the Municipality do not
want to take over the roads, & maintain them at their expense
reasons should be assigned for
such refusal.

Rec'd Today H.F. 1.10.91

The President has not returned
the tracing of the roads sent to him.

Submitted for favourable orders.

H.
30-9-91

The reasons assigned by the Council do not appear very strong, but perhaps they think that if they consent to take over these roads without compensation of some kind, the Municipal authorities will decide that there are some more roads in the District that are not connected with the needs of their garrison, and ask that they may be taken over too. It is a pity that this proposal was not considered by the Municipal authorities when they took back their roads in April last

H
2. X. 91

(Continuation of Note or Precis)

Regd. See Sec 17 & 19th Para 2
of Sec 7 roads are called Town Streets
If the roads are no longer required
by Govt they can be handed over to Govt
order & Mr. C. and are used
chiefly by ratepayers then can
Govt hereby Govt reason why
the Govt Roads Dept. not maintain
them in repair.

[illegible] Foster

The Municipality cannot appeal to us in this present
manner but the matter must come before us before we can proceed by
Resolution - for any of the road should then be considered
Military? Such as Brigade Road, Brigade Square Road -
Part of South Parade Road from Smith's shop to Trinity Church is Military
Trinity Church to Shield Tank SW angle of Richmond Road seems Military
How about Brigade Road and Commissariat Road & Artillery Road?
We should have to accept the Roads but the only question is
whether we can saddle Military with any further charges.

Hmm 6/1/21.

D. O. to Col: Maguire issued 8-V-20.

8.22

With his letter No 746 dated the 31st
December 1921, the President Municipal
Commission forwards a note by the
Ex-Queuen Municipality, on the
subject of certain roads proposed to
be transferred to the Municipality.

In his report Mr. Bishop does not say which particular road

should be defined military & which road municipal.

In para 7. he recommends that all roads should be called municipal & maintained by the municipality with the aid of such grants as Govt might be pleased to give in a lump sum for the use of the roads generally by the Govt. If this proposal is not accepted: he suggests that a board committee be formed to report on the proposal under reference & to reclassify the roads. The report is to be submitted for the opinion of the Officer Commanding Nagpore & the President Municipal Commissioner for the final decision of the Resident.

Madras Military Works

The military authorities having only lately taken back the roads called military & managed for their maintenance, owing chiefly to the unsatisfactory manner in which the roads were repaired by the Municipality,

Irish Asst. Member
Asst. Adjt. General
Station Staff Officer
Military Works Engr.
& Ex: Engr. Municipality

(Continuation of Note or Precis)

it seems not likely that the question of making a grant to the municipality will be again considered.

Case submitted for favour of orders.

AS.
7-12-91

In para 4 of his "Note" Mr. O'Sullivan says that it is not understood on what principle the selection has been made of roads to be transferred to the Municipality in the event para 2 points out the roads that may be considered purely military. Some of these roads are mentioned in J Read's on page 24 of his note, as roads that may be made over to the Municipality in exchange for the roads they want to get rid of.

The ~~[illegible]~~ roads the Municipality are asked to take over cover about 6 miles. See para 6 of his note are given Municipal roads which the Jamaica Contd Land[illegible] do with it is a pity Mr. C[illegible] does not give the total length of these roads.

Lebrun MC

9. XII. 91

Ref. please see para 6. of Mr C[illegible] Memo. I think we might keep [illegible] 4 Sec 17 and say that all the roads mentioned the plans under Sec. 17 may be taken over entered by or in any manner way connected with the roads of the troops. Such taken over by the troops is same [illegible] a Con[illegible]. If these roads are the roads as the Municipality [illegible] Sec. 17 B para 4. the claims for the

(Continuation of Note or Precis)

transfer of these roads were kept up by the Queen's & the Military. with exception of the first four roads as for instance Brigade Road Brigade Square Road Cemetery Road leading leading to the Barracks & Barracks erected after the Madras Govt. ceded to H. M. & the Govt Hospital & Quarter Gs Store &c. Fort Glacis Road Fuellers Road, Railway Road Benson Road and Race Course Road leading to Cantonment Rly Stn & the Bellary Barracks & the Kabbal Shooting Range

and which the Municipality are prepared to accept an Exchange of roads for those now proposed to be handed over to the Municipality & are averse to the proposals in Sec 17. - Please see orders on Para 7 & 8 of Mr 12/12/91 of Chamberlain's Minutes.

That the Municipal Council already have charge of the Roads they have to keep up.

Chairman's paras 7 and 8 are good but are not definitely expressed. It might be proposed that all the roads should be under the Engineer and that the Military Dept and the Funds which now bear the cost of their upkeep Cantonment and Municipal roads should contribute rateably for their upkeep. It is advisable that a Committee should decide what proportion should be paid by each Fund in addition to Chairman's remarks about the P.O. roads.

24

We might point out that if the Madras proposition be carried out that none of the mounted troops can reach the formal Parade ground without moving on Municipal Roads that the R.H.A. have no egress from their lines except by roads non-military - that the communication between the Transport lines and the British Infantry & Infantry Sappers and Commissariat Officer passes over civil roads and that the communications between the Dismounted Corps and the Brigade ground &c &c pass also by civil roads.

Kw 13-12-9.

Resd Madras.

Send draft for approval of a reply when G.A. Engineering asks for cancelled the enclosed note Secretary

KR 16/12

Signed & posted Kw 17-12-9

Resd

Let her 25th Inst. I think he (on the whole) sufficiently represented a regard. Contents of letter his proceedings thereon will be duly submitted Govt for opinion but I think if Govt had been asked to decide & add them to Sec. of State Correspondence such subsequent correspondence might have been avoided

KR 19/12

President Municipal Corp should have a copy of my letter of 16th Dec 09 to Madras Govt. - It is quite possible that the Committee or Madras Govt may propose to hand all the roads over to Military works dept. What would be my reply to that? If the proposition is not agreeable on what terms would it be taken over by the Military Board? These matters should be carefully considered before the assembling of the Committee.

Kw 19/12/09

X 17/-

File re submitted as ordered by
1st Asstt: Resident- above.
may a Copy of Residents ~~letter~~
letter (Sl: 24) be now sent to the
President- with the Residents' remarks
at- foot- of page 29?
27. H. C 22-2-92

Draft- prepared for approval
A.S 23-2-92

Sl: 28. Letter issued No. 645-/276-5- d/25-2-92
27/AB.

File resubmitted as ordered by Pr Asst Ch. S. above. I may a copy of Ind. Br. letter (P. 24) be now sent & the Papers with the Resident's Remarks — at foot of page 29?

H 22.2.92.

Draft prepared for approval.
H.
23-2-92

Letter No. 645/276.5 dy 25.2.92 issued
25/2/92

S. N-28

In Sl. N. 34, the views expressed in this office letter No. 3870 of 16th December 1891, were explained to the Govt of Madras in the Military Depl

In letter N. 2662/25 April 1892, the A.35
Madras Govt in the Military Dept.
express no objection to the Ex-Engineer
of the Municipality being placed in
charge of the Military roads in the
Cantonment, the Military Dept paying
over to the Municipality the rateable
sums which may eventually be
decided upon as its share. This arrangement
is to be tried for three years, subject to renewal
for a further term of years.

In para 3 of 2. Gen. General's Memorandum
(Al. N. 35-A), it is stated that repairs &
renewals of the roads should be made
according to a previously determined programme,
& according to certain specification at certain
rates. The Military Dept will pay it is said,
for metalling roads to a breadth of 16 feet only.

The Asst Adjt General, Bangalore Dist A.36.
says that the Committee on roads will
meet at the General's House on Saturday
the 7th inst at 11 a.m.

If approved, Al. Nos 35 & 35.A
may be communicated to the President

(Continuation of Note or Precis)

municipal Commissioner at once so that he may be able to study the subject & be ready for the Committee

He may at the same time be informed of the sitting of the Committee on the 7th May & asked to attend

Submitted for orders, with a draft.

H.
3-5-92

Informs: Rec'd abstract & Rec'd Inl.

Rec'd

Memorandum filed regarding Roads in Cl. a Cl. for perusal

H 4/5/92

Letter & Print: dlesp 8.1.37

3.5.92. Hy

Meeting 7th May 1892.

The Committee appointed by the Govt. of Madras with reference to the question of handing over military roads in Bangalore to the Municipality made the following recommendations:—

(1) That all roads in Bangalore should be under one Engineer

(2) That Military roads (length about 20 miles) to be handed over to the Municipality for a period of 3 years

(3) that a sum of Rs 420/- per mile per annum to be paid to Municipality at commencement of each official year for the upkeep of Military roads. This grant is to include provision for renewal of metal as well as ordinary maintenance. The rate per mile formerly paid was Rs 300/- & the Municipality demanded Rs 500/- a mile.

(4) Renewals of metal are not to exceed 16 feet in width; any excess thereof to be charged to Municipal funds.

(5) A diagram of roads showing programme of remetalling &c to be sent to the Ex: Engr: Military Works by 1st April.

(6) Specifications as to collection of metal &c to accord with those laid down in Sec: VII of the Standard Specifications in the Madras Presidency. Meeting of 18: June 1872

(7) All re-metalling work to be consolidated by a steam roller.

(8) Ex Engr: Military Works to be empowered to take measurements, with the Md. Inquiry of metal when collected at the side of the road.

(9) Ex-Engr: Military Works should send a report on the condition of the roads to the

Chief Engineer Military Works Annually.

The proposals except No. 8 were concurred in by the members of the Committee as regards 8; the other members considered that measurement of metal should be left to the Municipal Ex-Engr.

H. E. the Commander-in-Chief, in submitting the proceedings of the Govt of Madras, observed, with reference to (8) that it would be sufficient if the Chief Engineer, N.W. were supplied from time to time with certificates that certain quantities of metal had been collected & thatches at the sides of the roads to be metalled & that these would be used

In letter No 4469 of 20th July 1892, the Govt of Madras in the Military Deptt

1-N-38

inquire

matter the Resident concurs in the several recommendations of the Committee & the amendment proposed by the Commander-in-Chief.

The Municipal Commissioners may be consulted at first. Draft prepared for approval.

Collect particulars in the Town Engr's & Chief Engr's offices & then be able to reply

N.S. 27-7-92

In letter N: 530 of 1: August 1892, the President Municipal Commissioner, states that the Commr: accepted the terms on which the military roads are to be handed over to the Municipality orders thereon: Al. N:40

Reply early to military accordingly

Draft accordingly subs: for approval.

Al.
2-8-92

Read: [illegible]

Letter to the Madras Govt: received - Al. N:41.

In the endorsement N: 5510 of 3: Sept: 1892, the Madras Govt: forwards for information a copy of the military Department's order N:5509 of the same date, approving the proposals in connection with the question of handing over the military roads to the Cantonment Municipality. A.42

A copy of the proceedings may, if approved, be sent to the Municipality for information.

Draft submitted for approval.

Al.
8-9-92

Letter issued — Sd. N: 43.

The maintenance of the Military roads in the Cantonment (length 18 mile) has been entrusted to the Station Municipality at the rate of Rs 420 a mile per annum for three years subject to certain conditions specified in page 9 of Dl. No. 42. This period expires on 30th Sept. 95.

Enclosure 48

As the period of this agreement was to expire today, a meeting of a Committee was arranged on the 15th August last this committee which included the President of the Station Municipality recommend that the present period of contract might be extended upto 31st March 1896, & that the following terms might be adopted from 1st April 1896: —

(a) That all Military roads (18¼ miles roughly) should be under the charge of the Municipal Engineer for a further period

of five years renewable subsequently if the arrangement worked well.

(b) That the rate to be paid by the Municipality be increased Rs 5 60/- per mile providing for the renewal of stone metal (not Laterite) on not less than 3 1/4 miles of road annually as well as ordinary maintenance of the remaining roads. If however in any year the stipulated length of road (3 3/4 miles) is not procured because sufficient the balance should be metalled in the next year, failing which the new years' grant will be diminished by the amount to be paid for the length of road unmetalled at Rs 200 a mile.

The rest of the conditions are the same as the previous terms.

In letter No 1720. M.W. of the 11th Sept 1895, the Chief Engineer Communicating the Orders, Madras, requests to be informed whether the Resident concurs with him in approving the recommendations of the Committee

P. 48

This

(Continuation of Note or Precis)

The Municipal President was one of the Committee but yet it would be formally ascertained whether the Commissioners accept the recommendations

orders solicited

A.S.
30-9-95

I think it will be better to enquire if the Commissioners accept the terms. I notice this was done at S. Sq. I would send the proceedings of the Committee & a list of the roads. & ask for an early reply & return of enclosures.

I am sorry for the delay in submitting this - Perhaps you will not think it necessary to consult the Commissioners but I think it would be better to do so -

20-10.

Ra.

21/10/95

Draft submitted for approval.

A.S.
21-10-95

Issue HSE 22/10.

Issue

to Municipal P. C. R. Pekin

In letter No. 1567 dated the 1st November 1895, A 50
the President of the Colombian Municipality
states that the Commrs accept the terms
proposed by the Committee for the Municipality
continuing to be in charge of military roads
in the Colombian District of Bruyeloise

Draft reply to the Lieut General Commanding
submitted for approval

HS.
4-11-95

May issue.

5-11.

Regd

7-11

GOVERNMENT OF MADRAS · MILITARY DEPARTMENT ·

No. 4769.

Government of Madras.

Military Department.

Octacamund the 28th August 1891.

RESIDENT'S OFFICE BANGALORE No. 2948 D/ 8-9-91

To

The Resident in

Mysore.

Sir,

I am directed to forward herewith copy of the correspondence marginally noted relating to a proposal by the Chief Engineer Military Works, Madras Command, which has received the support of His Excellency the Commander-in-Chief, that certain roads in the station of Bangalore should cease to be maintained from Imperial ~~Funds~~ and that they should be kept up from Municipal Revenues.

From the Quarter Master Genl: 1865 M.W. D/ 14 Aug: 1891. (with 1 Encls: & 2 tracings- return requested)

2. I am to state that before the Right Honorable the Governor in Council

Council passes orders in regard to it, His Excellency would wish to be favored with your opinion with reference to this question.

I have the honor to be
Sir
your most obedient Servant
Alexander Herbert Boyd
Secretary to Government

126

Cantonments.
Roads.

114

Quarter Master General's Office
Bobacanmund 14th August 1891.

No 1865 M.W.

From

Brigadier-General E. H. Eyre.
Quarter Master General

To

The Secretary to Government.
Military Department.

Sir,

With reference to G. O. No 1941 of 14th April 1891, regarding the maintenance of the Military roads in the station of Bangalore, by the Military Works Department, I am desired by the Commander-in-Chief to submit for the favorable consideration of Government, and in view to the concurrence of the Resident at Mysore being obtained to the measure, the accompanying letter, with two tracings, from the

A.A.12.13

*No 5968 dated 14 July 1891.

Chief

Chief Engineer, Military Works conveying a proposal that certain roads at the above named station should cease to be maintained from Imperial funds and that they should be kept up by the Municipality from its own revenues.

2. His Excellency is not aware of the circumstances under which all the roads enumerated in G.O. No. 64* of 17th March 1885, have hitherto been maintained from Imperial funds prior to the date of the above quoted G.O. by the P.W.D. and subsequent to that date and up to March last by the Municipality, but Sir James Dormer is of opinion that those roads enumerated in Chief Engineer Military Works letter which are not in any way connected with the needs of the garrison of the above station should be kept in repair from local funds.

D. 1/a

*M.O. No. 1584 of 24th idem.

J

I have &c.

(Sd.) E.H. Eyre. Br. Genl:
Quarter Master Genl:

(True Copy.)

A Kennaystersbeck
Br. Genl:
Secretary to Govt:

No. 5968. 17B

Chief Engineer's office

Madras Command Military Works.

From.

The Chief Engineer

Madras Command, Military Works

To

The Quarter Master General.

Madras Army. Ootacamund.

Ootacamund 14th July 1891.

Sir.

I have the honor to submit the following case for the consideration of His Excellency the Commander-in-Chief.

2 tracings

2. It appears from G.O dated 17th March 1885 No 647 W Public Works that the roads in Bangalore therein detailed had for some time previous been maintained by the Government of Madras as Imperial Military roads.

3. I enclose a tracing marked I which shows these roads colored red while those maintained by the Municipal Commissioners are colored blue.

4. A number of these roads do not seem to be in any special way connected with the needs of the troops and should more properly be maintained by the Municipality The General Officer Commanding considers that the following roads should cease to be maintained from Imperial funds and should be maintained by the Municipality from its own revenues. I enclose a plan marked II with these roads colored yellow and beginning from the left- they are: —

(1) Infantry Crop road.
(2) Ice road.
(3) Jail road
(4) Roads north and South of St. Marks Square.
(5) Christ-Marks road.
(6) New Market-Crop road
(7) Infantry Road
(8) Osborne road
(9) Osborne cross road
(10) Compensation road
(11) South Parade road

I certainly do not think our funds should be

saddled with the responsibility of these roads.

5. Should His Excellency be pleased to concur with these views I would suggest that the Government of Madras might be moved to address the Resident in Mysore on the subject.

I have &c

Sd/ W. Jenkins
Lt. Col. R.E
Chief Engineer, Madras Com^d
Madras Works

Office Copy

Chief.
H.S.
16-12-91

RESIDENT'S OFFICE.

Serial No. 18

[DRAFT.]—For approval.

Dated 14 - 9 — 189 1.

No. 2756 / 276-5 Bl

To. The President, Municipal Commissioners
& the Station of Bangalore

Sir,

I am directed to state that at the instance of the military authorities the question whether the marginally noted roads in the Cantonment (marked yellow in the enclosed tracing, to be returned) should cease to be maintained from Imperial funds is engaging the consideration of the Government of Madras. It is observed that these roads are not in any way connected with the needs of the garrison of Bangalore.

2. I am to ask if the Commissioners have any objections to take over the roads in question.

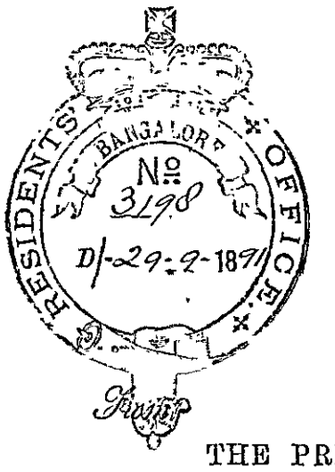
I have, &c.

First Asst. to the Resident.

Note for despatcher
Tracing marked II has to be sent.

Rd 11-9-91

Infantry Cross Road
Lee Road
Jail road
Roads north & south of St Mark's Square
St. Mark's Road
New Market Cross Road
Infantry Road
Osborne Road
Osborne Cross Road
Compensation Road
South Parade Road



No. 561 & Ex 19

CIVIL AND MILITARY STATION,
BANGALORE.

Municipal Office, 28 September 1891.

THE PRESIDENT,
MUNICIPAL COMMISSION,
CIVIL & MILITARY STATION,
BANGALORE.

To
The Assistant to the Resident in Mysore,
BANGALORE.

Sir,

D.16 With reference to your letter No. 2756-2765, dated 14 September 1891, I have the honor to forward the enclosed Resolution of the Municipal Commissioners, dated 26 September 1891, No 16, giving the Conditions, under which, they are willing to take over the Maintenance of the roads, therein referred to.

I have the honor to be, Sir,
Your most obedient Servant

J M Macpath
President.

Extract of Proceedings of the Municipal Commissioners, Civil & Military Station, Bangalore, dated 26th September 1891-

16. Read- Letter No 2956-2965 dated 14th September 1891 from the Assistant to the Resident requesting to be informed whether the Municipal Commissioners have any objection to take over the maintenance of certain roads in the station, hitherto maintained by the military authorities from Imperial funds.

Proposed by Mr Khrishna Iyigh R.B.

That as the roads referred to were originally constructed for military purposes and maintained up to date from military funds, the Municipality object to take charge of them without an annual grant for their upkeep amounting to Rupees 500 per mile, including renewals.

Seconded by Mr Campbell.

Carried nem con-

Copy

[signature]

President-

RESIDENT'S OFFICE.

(D.C.)

~~OFFICE NOTE.~~ Draft

~~FILE No. ——— of~~

10—10—91

My dear Colonel Mapleton

Please refer to your letter No 361. of 28 Sept 91

Resident is inclined to hope that the Municipality could afford to take over Roads in the present state of efficiency but these will be improved sooner or later by increased taxation.

Can any of the roads coloured blue (on the tracing herewith sent) be considered suitable. such as Brigade Road Brigadier square Road East of Santa Paraba Road from Sacristy & Church Church & Church & Church Tank S. W. angle part of Richmond Road also Secure Cantonment

Upon how about
Brigadeload & Commissariat
Road & Ashley Road

Superintendent of Pioneers
Thinks - will have accept
the roads & he will Examine
it whether the Civil
Contractors cannot be
added to any of Schemes

Mr Ashley Kindly accept
these letters & to
do arrange that which
taken are right. Second
Can also make arr
Examine suitable to
Civil

Civil Engr

RL

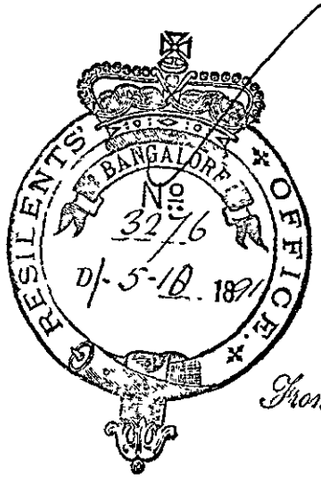
-/5.

21

No. 5-83 & 1 Enc

CIVIL AND MILITARY STATION,
BANGALORE.

Municipal Office, 1st October 1891.



From

THE PRESIDENT,
MUNICIPAL COMMISSION,
CIVIL & MILITARY STATION,
BANGALORE.

To Trans.

The Assistant to the Resident in Mysore,
BANGALORE.

Sir,

S.19

In continuation of this Office letter No 561 dated 28th September 1891 I have the honor to return the Sketch of the Military roads proposed to be transferred to this municipality.

The tracing has been sent back to the Madras Govt in the Military Dept. The President's reply to Ltr. No. 20 may be awaited.

I have the honor to be
Sir,
Your most Obedt Servt

N.
13-10-91

T. Thomapatti

President.
WD

Left.

Leave this file here.

22-10-91

My dear Mr Clarke,

Re: Military & Municipal roads

I have sent with Capt Ravenshaw's Do. 10/10/91. Capt Rhodes plan of roads No 1. shewing Military & Municipal roads as they are. Please send his plan No shewing proposed alterations.

Yours Sincerely
L. D'Rozario.

Encl 1 to 23-10-91

10-10-91

22

THE RESIDENCY MYSORE

Bangalore
10th October 91.

My dear Colonel Bagnall

Please refer to your letter No. 361 of 28 September 1891.

The Resident is inclined to agree that the Municipality cannot afford to take over the roads in the present state of its finances but these will be increased sooner or later by increased taxation.

Can any of the roads

coloured, blue (in the tracing hereinto sent) be considered as Military. Such as Brigade Road Brigade Square Road, Part of South Parade Road from Smiths Shop to Trinity Church, Trinity Church to Skeli Tank S. W. angle. Part of Richmond Road also seems Military.

Again how about Brigade Road. Municipal Road Road, Artillery Road?

The Resident is of opinion the Municipality will have to accept the roads and the only question is whether the Military authorities cannot be saddled with any in Exchange.

Mr. O'Shaughnessy might give a note on the point & so arrange that while taking over roads Municipality can also make over the same mileage to Military

Yours sincerely

Lieut Colonel

for Lieut Colonel
Chief Engineer
Southern District
10. 10. 91

Report sent 30-11-91

Colonel H. M. S. Magrath

President, Municipal Commission,

&c &c Station of Bangalore.

1.12.91
MD

Civil and Military Station Municipality

Bangalore.

Military Roads.

The connection of the municipality with the Military Roads in Bangalore, was described in a note from this office dated the 18th May of this year on the occasion of their transfer to the Military Works Department. It is now proposed to re-transfer about 6 miles of these roads to the municipality, without apparently any grant for their upkeep on the grounds that "they are not in any way connected with the needs of the Garrison" and some further remarks on the subject are called for.

2 These roads were constructed by Government, and maintained at the cost of Government up to the present time for the use and convenience of the Garrison of Bangalore, and there is no apparent reason for considering that they are not as necessary for the use of the Garrison now as at any time previously since

since their formation.

3 It is true that these roads are open to the use of the civil population as well as to the Military, but there are many miles of other roads maintained by the Municipality that would have to be kept up for the use of the Military alone, if no Municipality existed, and without the Military there would probably be no civil population at all requiring first class roads, or able to maintain them.

4. A list of the Military roads shewing those that are proposed to be retransferred to the Municipality is attached to this report and on reference to it as well as to Captain Speed's map No ii, it is difficult to understand on what principle the selection has been made of roads to be abandoned by the Military Department, as no longer required by the Garrison.

5 South Parade road for instance about the most used road in Bangalore which leads to Trinity and St. Mark's Churches

churches, to the Officers Library, and to the principal shops, is certainly more largely used by the military than by the civil population. Infantry road leading to ~~most~~ many of the Officers' houses and to several Regimental messes, Ice road leading to the General Post-Office, and to the place of arms of the Madras Infantry, and St. Marks Road leading to the United Service Club, were all constructed for the use of the Garrison, and would have to be maintained for that purpose, if there was no civil population and no municipality.

6 Then there are many other roads, now maintained by the municipality, that seem, as their names imply, indispensable to the use of the Garrison, such as Brigade road, Brigade Square road, Commissarial road, leading to the Barracks and Parade ground of the Madras Cavalry and a Regiment of Infantry, to the Government Harkhana

and to the Commissariat Stores, St. Johns Church road, Millers road, Railway road, Bensons road and Sundidroog road leading to the Cantonment Railway Station, to the Beddrahalli Barracks and to the Shooting Ranges at Hebbal, all these roads are indispensable to the use of the Garrison, but they are maintained by the Municipality without any aid from Government, and as stated above Government would have to maintain them in passable order if no Municipality existed.

7 The classification of the roads in Bangalore is unfortunately somewhat mixed and there is no apparent reason why some roads should be called military, some municipal and some Suburban, except that their cost is paid from the several sources of Revenue indicated by their names. (Suburban roads are maintained from the surplus Revenue of the assigned tracts.) Take for

for instance the 3 roads round the General Post Office, the one on the East is Municipal, that on the north Military and that on the south west Suburban, all maintained from different funds involving 3 seperate stocks of materials and 3 seperate accounts; The several classes of roads are mixed up in a similar manner in other parts of the station, and to avoid the confusion that now exists on this account it would be much better to have all roads called municipal, to be maintained by the Municipality with the aid of such grants as Government might be pleased to give in a lump sum for the use of the roads generally by the Garrison.

8 If this proposal is not accepted it seems very desirable to have a Committee formed consisting of the Assistant Resident, the Assistant Adjutant General, the Station

Staff

Staff Officer, the Military Works and the Municipal Executive Engineers to report on the proposal now made by the Military Works Department, and to suggest such a reclassification of the roads between the Military Depart= =ment and the Municipality, as appear to be desirable. The report to be sub= =mitted for the opinion of the General Commanding the Station, and the President of the Municipal Commission for the final decision of the Resident.

Bangalore
30th November
1891

F. Rheinfurth
Executive Engineer

List of Military Roads in the C & D

Name of Road	Length M	Length F	Length yds	Length proposed to be handed over to the Municipality M	F	yds	Remarks.
Cavalry Road	"	2	"				
Brigade cross Road	"	1	56				
New Market cross Road	"	2	127		2	127	
Hospital Road	"	3	21				
Tank Road	"	1	47				
Dispensary Road	"	1	13				
Cemetery Road	"	2	88				
St. John's Road	"	6	55				
Cathcart Road	1	4	137				Transferred to the Petta Municipality
Trinity Cross Road	"	1	"				
Osborne Road	"	3	"	"	3	"	
Dickenson Road	"	5	"				
——do—— Cross Road	"	1	"	"	1	"	+
Road north of Sapper Parade ground	"	2	"				
Road south ——do—— do	"	1	137				
Infantry Road	1	"	27	1	"	27	
——do—— Cross Road	"	1	27	"	1	27	
Cubbon Road or North Parade	1	4	110				
Osborne cross Road	"	"	116	"	"	116	
Union Street	"	1	110				
Plane Street	"	1	110				
Main Railway feeder	"	"	137	"	"	137	+
Railway feeder cross Road	"	1	110				
Compensation Road	"	2	"	"	1	80	
Main Guard Street	"	2	27				
Ulsoor Street	"	3	"				
Volunteer barracks cross Road	"	1	110				
Hospital cross Road	"	1	38				
Cambridge Road	"	4	"				
New Hospital Road	"	2	165				
Road South & West of R.A.A. Barracks	"	3	27				
——do—— Trinity Church	"	1	137				
Victoria Road	"	5	"				
Carried Over	12	3	172	2	2	74	

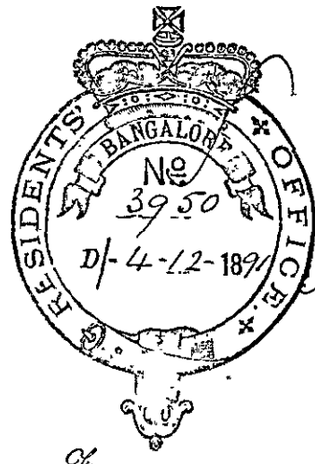
S. Municipality Bangalore.

Name of Road	Length			Length proposed to be handed over to the Municipality			Remarks.
	M	F	Yds	M	F	Yds	
Brought Forward	12	3	172	2	2	74	
Karkhana Road	"	3	110				
Campbell do	"	1	27				
Brunton do	"	2	55				
Lower Agram Road from Cavalry Infirmary stables to No 2 Forage yard	"	1	110				
Neelasundram Road	"	5	"				
Road round Agram Barracks	1	6	"				
South Parade Road	1	3	137	1	3	137	
St Marks cross Road	"	1	110	"	1	110	X
Ice Road	"	2	137	"	2	137	
St Marks Square Road	"	5	"	"	5	"	
North, South, and West of Band Prominade	"	4	"	"	4	"	
Jail Road	"	2	27	"	2	27	
Trinity church to Agram Barracks	"	3	55				
Road from Karkhana to Cavalry Stables	"	3	120				
Total	20	6	180	5	5	45	

Bangalore
30th November
1891

P. Thompson.
Executive Engineer

Note / This is a copy of the list received from the Madras P.W.D. when the roads were transferred to the Municipality in 1887. Roads marked Thus X. are not included in the list sent with Executive Engineer's letter No 275 dated 14th September 1891. but have been included in the Maps prepared
Draftsman



No. 746 & 54 Inc. 23

CIVIL AND MILITARY STATION,
BANGALORE.

Municipal Office, 3rd December 1891.

From

THE PRESIDENT,
MUNICIPAL COMMISSIOI.,
CIVIL & MILITARY STATION,
BANGALORE.

To

The Assistant to the Resident in Mysore,
BANGALORE.

Sir,

Returning to your D. O. dated 10 October 1891, I have the honor to forward the Municipal Executive Engineers report, dated 30th November 1891 on the subject of certain military Roads proposed to be transferred to the Municipality.

2. The tracings received with the letter under reply are herewith returned.

I have the honor to be
Sir
Your most obedient servant
Thomas Watts
President.
W.T.

RESIDENT'S OFFICE.

Serial No. 24

[D R A F T]—For approval.

No. 3070 / 276.05 Enc: 3.

Dated 16th December 1891

To

The Secretary to the Govt. of Madras
Military Department

Sir,

I have the honour to acknowledge the receipt of your letter No. 4769. dy the 28th of August 1891, on the subject of certain roads in the Station of Bangalore, which it is proposed should be kept up from Municipal revenue.

2. In reply, I have to say that in my opinion it would not be advisable to transfer these roads to the Municipal funds. First because the present state of the Municipal fund will not bear the cost of any more roads than are already kept up by them and secondly

that

that although these roads
may not be used entirely
by or in any special way
connected with the needs
of the troops, still their use
by the troops is more than
a convenience, as for instance
the South parade road
which leads to Trinity &
St. Mark's churches, to the
officers Library & to the
principal shops, and is
more largely used by the
Military than by the civil
population.

3 Moreover, there are many
roads now maintained by
the Municipality which seem,
as their names imply indispensable
to the use of the Garrison and
their claim to transfer to
Military Funds might with
some justice be urged

4 Shame to Fraunt

Draft

(Continuation of ~~Note or Precis~~)

that if proposals by the Govt. of Madras were carried out none of the mounted troops could reach the General Parade ground without crossing along Municipal Roads, as for instance the R. H. A have no egress from their lines except by non-Military Road and Communication between the transport lines and British Infantry, Native Infantry, Sappers and Commissariat offices that between the dismounted Corps & the Brigade Ground Agram pass. also over Civil roads.

5. The present classification of the roads is based on the sources from which upkeep is met and the general classes of roads are in

many parts of the Station intermingled, and involve 3 separate stocks of materials and 3 separate accounts; as for instance the 3 roads round the General Post Office, the one on the East is Municipal, that on North Military and that on South West Suburban (i.e. maintain= =ed from the Surplus revenues of the Assigned Tract)

6. With a view to avoid some Confusion, I would propose, for the Consideration of H.E. the Governor in Council, that instead of the transfer to Municipality of the proposed roads, all the roads should be under one Engineer and that the Military Deputy and

Funds which now bear the
Cost of the Suburban & Munici-
cipal Roads shall sub-
scribe rateably for their
upkeep and that a re-
presentative Committee
shall decide what propor-
tion should be paid by
each Fund.

7. The original enclosures
of your letter are herewith returned

I have, &c

Resident

No. 1064

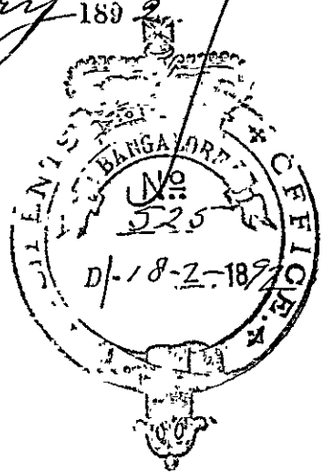
25

Weekly

Government of Madras.

MILITARY DEPARTMENT,

Fort St George the 16th February 1892.



To

The Resident,

in Mysore.

Sir,

With reference to para: 6 of your letter No. 3870/276-85, dated 16th December 1891, I am directed to inform you that His Excellency the Commander-in-Chief has been requested to convene a committee composed of the officers named in the margin for the purpose of considering what portion of the upkeep of the roads should be borne by the Military Works Department and what portion by the Municipality vea and I am to ask that the services of the President, Municipal Commission, Bangalore, may be made available in view to his serving on the

824

President

G.O.C. Bangalore Distt.

Members

President, Municipal Commission, Bangalore.

Executive Engineer Military works, Bangalore Divn.

the proposed Committee

I have the honor to be,
Sir
Your most obedient Servant

W. H. Lee Brigr. Genl.
Secretary to Government

RESIDENT'S OFFICE.

Serial No. 26

[D R A F T]—For approval.

No 595 / 276.5 hl

To

Dated 26-2-1892

The Resdt. Md Cam

C Bn. Skeen

Sir

With Reference to Correspondence ending with your letter No: 7469. the 3rd Dec. 91 on the Subject of the upkeep of the roads in the C. Bn. Chakrata I am directed to forward for information a copy of a letter from the S. of State and to request that you will be good enough to favor me with the Commissioners opinion and consider the question at issue.

I am, etc.

Sec 23

No 1064 dt. the 16: Feb: 1892.

Dated 19/2/92

18. II. 92 1st Asst

RESIDENT'S OFFICE.

Serial No. 27

[D R A F T]—For approval.

No. 597
296.5

To

Dated 20 — 2 — 1892.

The Secretary to the
Govt of Madras, Military Depte

Sir,

In reply to your letter No. 1064
8/2 25 dated the 16th February 1892, I have
the honor to state that the President,
Municipal Commission Coimbatore
has been instructed to serve on the proposed
committee appointed to consider
what portion ~~of the cost~~ of the upkeep
of the roads shows the borne by the
Military Depte & what portion by the
Municipality.

I have &c.
for
~~Secy~~ to the Resident

10. II. 92

RESIDENT'S OFFICE.

Serial No. 28

[DRAFT]—For approval.

No. 645 / 276-5 bis

Dated 25-2- 1892.

To The President, Municipal Commissioner
& Station of Bangalore

Sir,

In continuation of this office
letter No. 595 / 276-5 dated the 20th February 1892,
I am directed to forward, for information
a copy of the Resident's letter No. 3870 / 276-85
of the 16th December 1891 addressed to
the Govt of Madras in the Military
Deptt on the subject of the upkeep
of roads in the C & Station of Bangalore.

D. 26

D. 24

2. It is quite possible that
the Committee appointed to consider
this question, or the Govt of
Madras, may propose to hand
all the roads over to the Military
Works Deptt, in which case
will have to be determined, whether the terms on which such a transfer may be made such a proposal should be accepted,

~~[illegible]~~ is agreeable
~~on what terms if~~ not ~~acceptable~~ on
what terms would the Municipality
take over all the military roads?
The Resident is of opinion that all
these matters should be carefully
considered before the assembling of
the Committee.

Yours &c

First Asst. Resident

H.
23-2-92 H.

Municipal roads to the Charge of the Military works Dept —

The Military works dept do not I believe want the roads.

The Municipality will never Consent to give the Spending of Municipal Funds to the M. W. dept and as the law stands they cannot be compelled to do.

a) They would have scarcely any control over such Expenditure —

b. The M. W. dept would not be content with 24% as a rate for upkeep of municipal roads — this is the present grant.

c) The M. W. Dept would demand 24½%. on Expenditure for Establishment — the cost of Dept Establishment is about 12%

d) Judging from the present state of Military roads the municipality would have fair grounds for arguing against giving more roads to the M. W Dept.

I do not quite know what Col. Maprath may do on the Committee — but so far as I understand his present

views on the matter – then he will raise the objections I have mentioned to a proposal which I believe is incorrectly attributed to myself.

Yours sincerely,

D. Sheehy.

12-2-92

My dear Sir Barry,

A copy of your letter dated 16th Dec last was sent to [for information] the Municipality I will your letter Nice letter 655 dated the 25th Feby. I suppose to have it by me and I thought it would save time if I sent you an extract from it I hope it will be all right – Please let me mention the following objections likely to be raised if the Committee propose to transfer

Copy. No. 3870
267.85.

From The Resident in Mysore,

To The Secretary to the Govt. of Madras
Military Dept.

Sir. I have the honor to acknowledge the receipt of your letter No. 4769 dated 28th. 1891. on the subject of certain roads in Bangalore which it is proposed should be kept up from Municipal Revenue.

2/ In reply I have to say that in my opinion it would not be advisable to transfer the roads to the Municipal funds first because the present state of the Municipal funds will not bear the cost of any more roads than are already kept up by them and secondly that although these roads may not be used entirely by or in any special way connected with the needs of the troops still their use to the troops is more than a convenience. as for instance the South Parade road which leads to Trinity and St. Marks Churches to the Officers Library and to the principal shops and is more used by the Military than by the Civil Population.

3 + +—

4 + + +

5 + + +

6) With a view to avoid some confusion I would propose for the consideration of His Excellency the Governor in Council that instead of transfer to the Municipality of the proposed roads all the roads should be under One Engineer - and that the Military Department, and funds which now bear the cost of suburban and Municipal roads, shall subscribe rateably for their upkeep, and that a representative committee should decide what proportion should be paid by such funds.

(+ w classification)

7- ———

I have the
esp. Ld. V. D. P.
Rendered.

No. 1064.

Govt of Madras, Military Dept.
Fort St. Geo. 16th Feby 1892

To The Resident in Mysore,

Sir. With reference to para 6 of your letter $\frac{3870}{276.83}$. dated 16th Dec 1891
I am directed to inform you that
His Excellency the Commander in
Chief has been requested to convene
a committee composed of the
Officers named in the margin
for the purpose of considering what
portion of the outlay of the works
should be borne by the Military works
Department and what portion by the
Municipality and I am to
ask that the services of the President
Municipal Commissioner Bangalore
may be made available in lieu
to his serving on the proposed
Committee.

I have &c.

H R Beeke
Brigr Genl

* President
H.O.C. Bangalore
District,
Members.
President Mily
Commr Bangalore
Executive Engineer
Military works
Bangalore

Rt. Committee on Roads.

30

Bangalore.
14·3·92

My dear General.

Para 6 of my letter No: 3870/276-85 to the Secretary to Govt of Madras, Military Deptt has been misunderstood by some people so I write you a line to say what I intended to convey

I propose 1st that all the roads shall be under one Engineer 2nd that 3 funds which bear the cost of Military, suburban and Municipal roads shall subscribe rateably for their upkeep. In a copy of my letter that has been shown me there is a full stop after the word "department" in para 6: this alters the sense or makes nonsense of it.

The Committee may recommend that ~~to~~ the Ex Engineer of the Municipality shall do the work. I did not mean to point to the Ex Engr: Military works as the officer who ought to be in charge of all the roads

Yours sincerely
Sd/ A.N. D. Prendergast.

Office Copy

14 3/92

RESIDENT'S OFFICE.

Serial No. 31

[D R A F T]—For approval.

No.

To

Dated 12 . 3 . 1892.

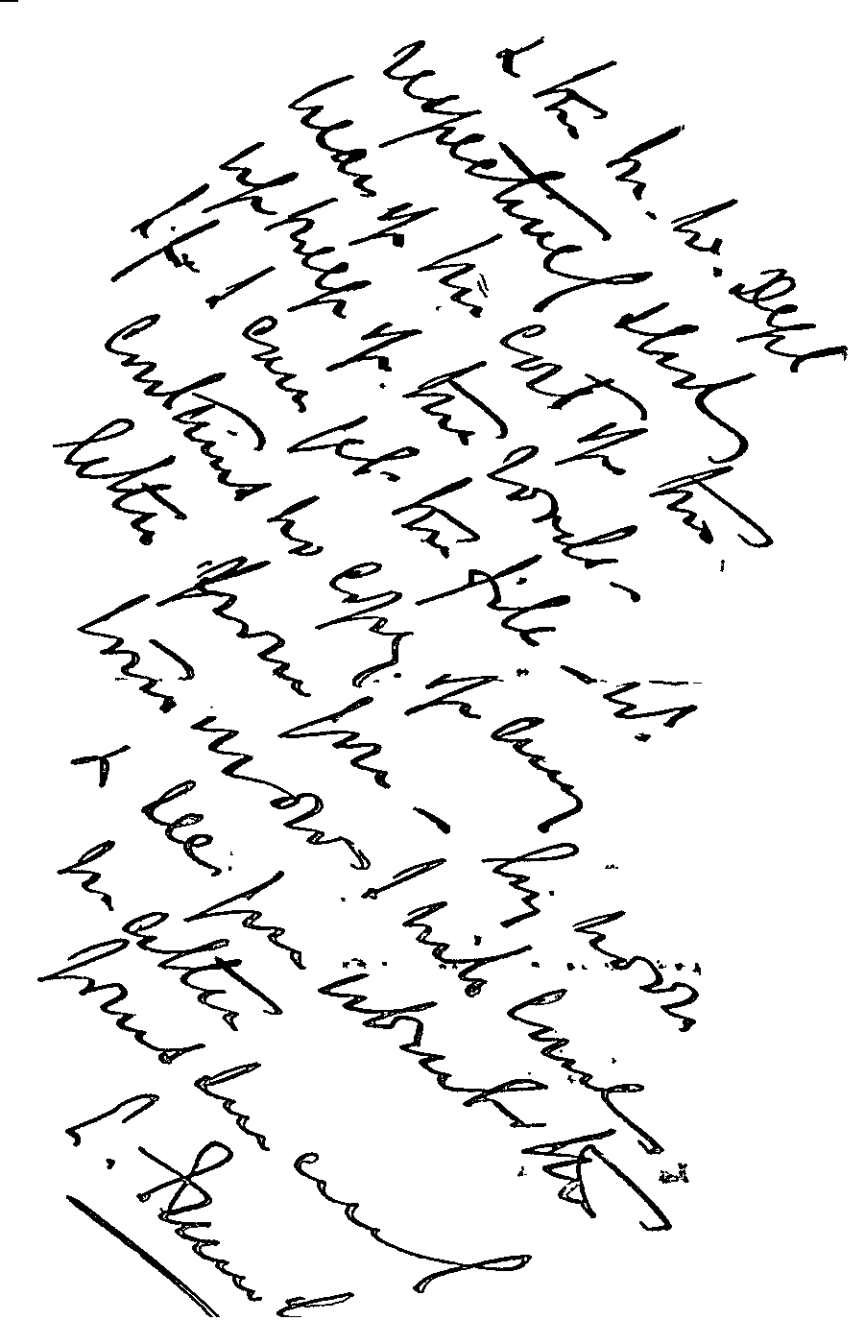
Dear Mr. O'Shaughnessy

The para: should be thus. I propose that all the roads should be under one Engineer, and that the Military Departt. and funds which now bear the Cost of Suburban and Municipal roads shall subscribe rateably for there up-keep.

You might explain this to Col. Maynath and any one else interested.

Yours Sincerely
pd/ H. A. D. Prendergast

P.S. Roads under one Engineer, 3 funds subscribe to pay.



that all the Lords shall be in charge of Lt Hyp: No. 2 Station Post directed accordingly & to proceed into myself as President & [illegible] Lt Hyp: No. 2 Station Post & decide how much the Municipal-

Le 16 Juin 1916.

Mon cher Ami,

Je reçois à l'instant votre lettre du 9 Juin et je vous remercie de votre bon souvenir. Je suis très heureux de savoir que vous êtes tous en bonne santé. Nous nous portons tous bien ici. Nous avons eu un temps très chaud depuis quelques jours. Nous avons eu 36° à l'ombre hier matin. Je suis très occupé en ce moment et je n'ai pas le temps de vous écrire plus longuement aujourd'hui. Je vous écrirai plus longuement dans quelques jours.

Bien à vous

Paul

WESTWARD HO!
BANGALORE
14 Mhuls

the President of the
icipality decide
ther this upkeep
words be borne by the
Dept. & the Municipality
tively.
proportion to be paid
ch is a difficult matter
ider. & as the contract
from its date, I understand,
the Commissioners
by repair & gradually
accept our decision
ally if we & our tenants
ject to this Mr. Worthington

having changed the words -
to make the point. I bring
to your notice at once from
proposal seems from Mr. Reid's
letter to have been misunder-
stood. When writing about
it to Mr. Reid will you kindly
mention that at first
request I have deferred any
action pending your further
reference

Yours sincerely
L. Dunds

WESTWARD HO!
BANGALORE.
16 March

My dear Mr Tonney

In his No 163 M.W. dy
28 January 92 to Mr Leey
& Mr. Govt. Mily Dept Mr Gilchy
says

"I am directed to refer to any letter
" from Civil Officers in Mysore
" containing in general terms
" Medical Certificates, why they ask
" Leave to Mr J. L. Mr Station
" of Bangalore be maintained
" by the Mily Govt Dept &
— & that in future Civil
of themselves. At Mysore Mr. Govt

No 880
2765 dy 17-3-92

J.

Madras Militia

3 F

Sir

With reference to my letter No. 3870 dated 16th December 1891. I have the honour to point out that para 6 of the above letter seems to have been misunderstood and in that para I suggested 1st that all the roads in the Civil and Military Station should be placed under one Engineer - 2nd that a representative Committee should decide what proportion should be paid for the upkeep of the Military roads, the Municipal roads and the Suburban roads.

2. It would have been better if I had suggested that the Committee should recommend what proportion should be paid by the different funds as the matter would be beyond their powers to decide.

3 I certainly would not propose that all the roads in the Civil and Military Station of Bangalore should be maintained by the Military Works Department, for I believe that the Ex Engr of the Municipality has better appliances & more time at his disposal than the Ex Engr Mily Works, and he is an Engr of experience & quite qualified to do the work. I am also told that the Municipal Engr would be willing to have his

cases increased, and I am sure that the Municipality would prefer to have their roads maintained by their own Engineer

The Committee might if deemed advisable by the Madras Govt, submit recommendation as regards placing all the roads under one Engineer, and as if in favour of the measure, they might state which Engineer they would prefer to place in charge of them

5 I have requested the General Officer commanding to defer action regarding the Committee till the receipt of further orders -

Yours

Hon'ble 16/3/92

No 881
2765 dy 17 3 92

Copy to Genl Staff

No. 2662 35

Government of Madras

Military Department.

Fort St. George, the 25th April 1892.

To

The Resident

in Mysore.

Sir,

I am directed to acknowledge the receipt of your letter No: 880/276/5 dated 17th March 1892, and with reference thereto, to forward the accompanying copy of a letter from the Quarter Master General, Madras Army, and to say that the Government of Madras has no objection to the Military roads in the Civil and Military station of Bangalore being placed under the control of the Executive Engineer of the Municipality, the Military Department paying over to the Municipality the rateable sum which may eventually be decided upon as its share.

0.34

No: 707, M.W., dated 9th April 1892.

2. I am also to say that the Government approves Sir James Donner's suggestion in para. 2 of the Quarter Master General's letter, viz: that the above arrangement should be tried for three years at the end of which, if found to work well, it could be renewed for a further term of years.

3. I am at the same time to invite attention to the remarks in para: 3 of the Quarter Master General's letter.

4

4. His Excellency the Commander-in-Chief will be requested to issue instructions for the committee appointed in my letter No. 1264, dated 16th February 1892 being convened as early as possible. 1.25

I have the honor to be,
Sir,
Your most obedient Servant,

Lt Brigt Genl
Lieutenant to Government.

35-A

From the Quarter Master General, to the Secretary to Government Military Department, No 707 M. S., dated Ootacamund, 9th April 1892.

In returning correspondence received with your Reference Order No 2030 of the 24th March last, I am desired by His Excellency the Commander-in-Chief to state that the Director General, Military Works, has intimated his disapproval of Executive Engineers Military Works having charge of Bazaar roads, as this involves the maintenance of the side ditches which will be found to lead on to questions of sanitation &c., and other numerous requirements. Under these circumstances and as both on the score of efficiency and economy, there would seem to be a great advantage in the maintenance of all the roads in the Civil and Military Station of Bangalore being in the care of one Engineer. His Excellency considers that the Engineer of that Municipality might well be charged with the up keep of all the military roads in the station, the Military Department paying over to the Municipal Commissioners the rateable sum decided upon as its share.

2. At the same time Sir James Dormer would suggest that this arrangement should be tried for a fixed period only, say three years, at the expiration of which, if found to work well it could be renewed for a further term of years.

3. The roads should be repaired and renewals made according to a previously determined programme, and according to a certain specification and at certain rates, the work done on each, being verified in the usual manner by measurement, so as to ensure the full worth of the amount contributed being obtained. As however it is a question whether the Government of India will agree to maintain a greater breadth than 16 feet of metalling on any of the military roads, the cost of fully metalling, or over this breadth, any roads broader than this, if considered desirable, would apparently have to be borne by the Municipality.

(True Copy)

Brigt Genl

Secretary to Govt., Military Depmt.

Form No. 4.

36

No. 644 B

District Staff Office.

BANGALORE DISTRICT.

Bangalore April 30th 1891.

From

The Assistant Adjutant General,
Bangalore District.

To

The First Assistant to the Resident
in Mysore
Bangalore

Sir,

I have the honor to inform you that
11. a.m. on Saturday the 7th May will be
convenient for the General Officer Commanding
to hold the Committee on Roads in the C. & M.
Station of Bangalore, and to request you will
kindly ask the Resident to instruct the Presidt
of the Municipal Commission to attend at the
above hour at the General's house.

I have the honor to be
Sir,
Your Obedient Servant,

F. W. Brownfield. Major
Asst. Adjt. General, B.D.

RESIDENT'S OFFICE.

Serial No. 37

[D R A F T.]—For approval.

No. 1452 / 276-5 / 11

To

dated 3 — 5 — 1892

The President Municipal Commissioners
& Ex Station of Umgeni

Sir

With reference to correspondence
ending with this Office letter No.
645 - 276.5 of the 25th February 1892
regarding the upkeep of roads in
the & Ex Station of Umgeni, I am
directed to forward for information
a copy of a letter from the Govt
of Madras in the Military Dept
on the subject ~~and to ask~~

1.28

1.35
No. 2662 of 25th April 1892
with a copy of its enclosure.

2. The General Officer Commanding
will hold the Committee on the
at his house
7th May 1892 at 11. a.m. and I
am to ask you to attend the
meeting.

I have, &c

Fair Copy & Despatch
to Messrs Watermeyer for
for Resident Perusal

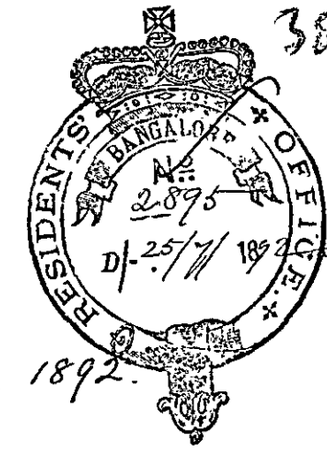
Ag. 3-5-92

Asst Comm. Resident

35

No. 4469

Government of Madras.
Military Department,
Ootacamund. the 20th July 1892.



To

The Resident in Mysore
Bangalore.

Sir,

With reference to my letter No. 2662 dated 25th April 1892, on the subject of the future maintenance of the Military roads in the Civil and Military Station of Bangalore, I am directed to forward copy of letter No. 1357 M.W. dated 8th July 1892 from the Quarter Master General, Madras Army, and to ask whether you concur in the several recommendations of the Committee and the amendment proposed by His Excellency the Commander-in-Chief.

35

X With Proceedings of Committee dated 7th May and 18th June 1892.

2. The favor of return of the Committee's Proceedings with your reply is requested

requested.

I have the honor to be

Sir

Your most obedient Servant

Brigdr. Genl.

Secretary to Government

98 A

Letter from the Quarter Master General, to the Secy: to Government, Military Department, No. 1357-M.W. dated 8th July 1892.

With reference to P.M.G. No. 2663 of 25th April 1892, I am desired to forward, for the information of Government, the Proceedings of a Committee which assembled on the 7th May and again on the 18th June 1892, for the purpose of considering the question of handing over the Military roads in the Civil and Military Station of Bangalore to the Municipality, and with reference to the Executive Engineer's proposal (c) as embodied in the Proceedings of the Committee which assembled on the latter date, to state that the Commander-in-Chief considers it would be sufficient if the Chief Engineer Military Works were furnished from time to time with certificates that certain quantities of metal have been collected and stacked at the sides of the roads to be metalled etc, and that it is being, or will be used, for that purpose.

(True Copy)

Brigdr. Genl
Secretary to Government

FP

RESIDENT'S OFFICE.

Serial No. 39

[DRAFT]—For approval.

No. 2539 Encs 2
276-85

Dated 28 July 1892.

To

The President, Municipal Commissioner,
& ex-Station of Bangalore

Sir,

In continuation of my letter No.

1452
276-5

1-37 dated the 3rd May 1892, on the subject of the future maintenance of the military roads in the & ex-Station of Bangalore, I am directed to forward for the consideration of the Commissioners the proceedings of the Committee of 7th May & 18th June ~~1891~~ that assembled for the purpose of discussing this question together with a copy of the letter from the A.-G. General, Madras Army.

Enc 1 to 38

N.-1357-A.-G. 8th July 1892.

2. I am to enquire whether the

the Commissioners accept the recommendations of the Committee & the amendment proposed by H-Q. the Commander-in-chief as early as and

3. the form of the return of the enclosures ~~with your reply~~ is requested.

I have, &c

First Asst Resident

H.
27-7-92

PRESIDENTS' OFFICE BANGALORE No. 3011 D/2-8- 1892

No. 530 & 3 Enc. 40

CIVIL AND MILITARY STATION
BANGALORE.

Municipal Office, 1st August 1892

From

THE PRESIDENT,
MUNICIPAL COMMISSION,
CIVIL & MILITARY STATION,
BANGALORE.

To First
The Assistant to the Resident in Mysore,
BANGALORE.

Replied early & Mile accordingly 2/8/92

A.-39

Sir,

In reply to your letter No. 2539/276-85, dated 28 July 1892, I have the honor to inform you that I placed it before the meeting of the Commissioners, which took place on the 30th Idem, & they accepted the terms, on which, the Military Roads in the Civil & Military Station are to be handed over to them, as detailed in the letter above referred to.

2. The Enclosures of your letter are, herewith, returned.

I have the honor to be
Sir
Your most obedient Servant

J. Macaulay
President MD

RESIDENT'S OFFICE.

Serial No. 41

[DRAFT]—For approval.

No. 2596 Encs 2
276:85

Dated 3rd August 189 . To The Secretary to the Govt of Madras
Military Department

Sir,

In reply to your letter No.
1.38 4469 of the 20th July 1892, regarding
the future maintenance of the
military roads in the Ootacamund station
of Nilgiris, I have the honour
Secretary
to state that, the several recom-
mendations of the Committee &
the amendment proposed by H.E.
the Commander-in-Chief, in
which I concur, have been
accepted by the Municipal
S. No. 40 Commissioners for the Ootacamund
2. The original enclosures

5

Your letter are herewith returned.

Yours,

Resident

H.
2.8.92

Note
Copies of enclosures should be returned for file.

RESIDENT'S OFFICE BANGALORE No. 3477

4'2

MILITARY DEPARTMENT, SEPTEMBER 1892, No. 5349.

D 7-9-92

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

Cantonments.

Read the following papers :—

No. 21. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 14th August* 1891, *No.* 1865-*MW* (*Cantonments—Roads*).

With reference to G.O., No. 1941 of 4th April 1891 regarding the maintenance of the military roads in the station of Bangalore by the Military Works Department, I am desired by the Commander-in-Chief to submit, for the favorable consideration of Government and in view to the concurrence of the Resident at Mysore being obtained to the measure, the accompanying letter,* with two tracings, from the Chief Engineer, Military Works, containing a proposal that certain roads at the above-named station should cease to be maintained from Imperial funds and that they should be kept up by the Municipality from its own revenues.

No. 5968, dated 14th July 1891.

2. His Excellency is not aware of the circumstances under which all the roads enumerated in G.O., No. 647-W † of 17th March 1885 have hitherto been maintained from Imperial funds prior to the date of the above-quoted Government Order by the Public Works Department and subsequent to that date and up to March last by the Municipality, but Sir James Dormer is of opinion that those roads enumerated in Chief Engineer, Military Works' letter, which are not in any way connected with the needs of the garrison of the above station, should be kept in repair from Local Funds.

† Military Department No. 1584 of 24th idem.

From Lieutenant-Colonel W. P. TOMKINS, C.I.E., R.E, Chief Engineer, Madras Command, Military Works, to the Quarter Master General, Madras Army, Ootacamund; dated Ootacamund, 14th July 1891, No. 5968.

I have the honour to submit the following case for the consideration of His Excellency the Commander-in-Chief.

2. It appears from G.O., dated 17th March 1885, No. 647-W, Public Works, that the roads in Bangalore therein detailed had for some time previous been maintained by the Government of Madras as Imperial military roads.

3. I enclose a tracing, marked I, which shows these roads colored red, while those maintained by the Municipal Commission are colored blue.

4. A number of these roads do not seem to be in any special way connected with the needs of the troops and should more properly be maintained by the Municipality. The General Officer Commanding considers that the following roads should cease to be maintained from Imperial funds and should be maintained by the Municipality from its own revenues. I enclose a plan, marked II, with these roads colored yellow and beginning from the left they are—

(1) Infantry cross road.
(2) Ice road.
(3) Jail road.
(4) Roads north and south of St. Mark's Square.
(5) St. Mark's road.
(6) New Market cross road.
(7) Infantry road.
(8) Osborne road.
(9) ,, cross road.
(10) Compensation road.
(11) South Parade road.

I certainly do not think our funds should be saddled with the repairs of these roads.

5. Should His Excellency be pleased to concur with these views, I would suggest that the Government of Madras might be moved to address the Resident in Mysore on the subject.

No. 21 *To the Resident in Mysore; dated 28th August* 1891, *No.* 4769.

No. 22 *From General Sir H. N. D. PRENDERGAST, K.C.B., V.C., R.E., Officiating Resident in Mysore, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 16th December* 1891, *No.* 3870–276-85.

J-24

I have the honour to acknowledge the receipt of your No. 4769, dated the 28th of August 1891, on the subject of certain roads in the station of Bangalore, which it is proposed should be kept up from municipal revenues.

2. In reply, I have to say that in my opinion it would not be advisable to transfer these roads to the Municipal funds, *first*, because the present state of the Municipal funds will not bear the cost of any more roads than are already kept up by them, and, *secondly*, that although these roads may not be used entirely by or in any special way connected with the needs of the troops, still their use by the troops is more than a convenience, as, for instance, the South Parade road which leads to Trinity and St. Mark's churches, to the Officers' library and to the principal shops, and is more largely used by the military than by the civil population.

3. Moreover, there are many roads now maintained by the Municipality which seem, as their names imply, indispensable to the use of the garrison, and their claim to transfer to Military funds might with some justice be urged.

4. I have to point out that if proposals by the Government of Madras were carried out, none of the mounted troops could reach the general parade ground without moving along municipal roads, as, for instance, the Royal Horse Artillery have no egress from their lines except by non-military road, and communication between the transport lines and British Infantry, Native Infantry, Sappers and Commissariat officers, and that between the dismounted corps and the Brigade ground and Agram, pass also over civil roads.

5. The present classification of the roads is based on the sources from which upkeep is met, and the several classes of roads are in many parts of the station intermingled and involve three separate stocks of material and three separate accounts, as, for instance, the three roads round the General Post office—the one on the east is municipal, that on north, military, and that on south-west, suburban (*i.e.*, maintained from the surplus revenues of the assigned tract).

6. With a view to avoid some confusion, I would propose, for the consideration of His Excellency the Governor in Council, that, instead of the transfer to the Municipality of the proposed roads, all the roads should be under one Engineer, and that the Military Department and funds which now bear the cost of the suburban and municipal roads shall subscribe rateably for their upkeep and that a representative committee shall decide what proportion should be paid by each fund.

7. The original enclosures of your letter are herewith returned.

No. 7269.

Referred to His Excellency the Commander-in-Chief for favour of opinion with advertence to para. 6 of the Resident's letter.

(By Order.)

FORT ST. GEORGE,
18*th December* 1891.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General, with reference to his letter No. 1865-MW, dated 14th August 1891.

No. 23. *From Brigadier-General E. H. EYRE, Quarter Master General Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 28th January* 1892, *No.* 163-*MW* (*Cantonments—Roads*).

In returning as requested the correspondence forwarded to this office with Military Department No. 7269 of the 18th ultimo, I am desired, in reply, to say that the Commander-in-Chief concurs in the proposal contained in para. 6 of the Resident's letter, viz., that all roads in the Civil and Military station of Bangalore be maintained by the Military Works Department, and recommends that a committee composed of the General Officer Commanding Bangalore District as President and the President of the Municipal Commission and the Executive Engineer, Military Works as members be convened for the purpose of considering what portion of the cost of the upkeep of the roads shall be borne by the Military Department and what portion by the Municipality, &c.

2. His Excellency is of opinion that after the transfer of the maintenance of the roads in question to the Military Works Department has been effected, all contributions for their upkeep should be made punctually and paid into the treasury to the credit of the Executive Engineer and not to any committee.

No. 24 *From Brigdr-Genl. H. R. HOPE, Secretary to Government, Military Department, to the Quarter Master General, Madras Army, Ootacamund; dated Fort St. George, 16th February* 1892, *No.* 1063.

With reference to your letter No. 163-MW, dated 28th January 1892, I am directed to request that, under the orders of His Excellency the Commander-in-Chief, Government may be informed what is the present cost of maintenance of the military roads in the station of Bangalore and their length.

2. I am also to say that the Right Honorable the Governor in Council approves the recommendation of Sir James Dormer to convene a committee composed of the officers named in the margin to consider what portion of the cost of the upkeep of the roads should be borne by the Military Works Department and what portion by the Municipality, &c. The length of the several roads should be stated.

President.

General Officer Commanding Bangalore District.

Members.

President, Municipal Commission, Bangalore.
Executive Engineer, Military Works, Bangalore Division.

3. The Resident in Mysore has been asked to make available the services of the President, Municipal Commission, Bangalore, to serve on the proposed committee.

4. Final orders will be passed on receipt of the committee's report.

No. 25 *From Brigadier-General H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Fort St. George, 16th February* 1892, *No.* 1064.

With reference to para. 6 of your letter No. 3870–276-85, dated 16th December 1891, I am directed to inform you that His Excellency the Commander-in-Chief has been requested to convene a committee composed of the officers named in the margin for the purpose of considering what portion of the upkeep of the roads should be borne by the Military Works Department and what portion by the Municipality, &c., and I am to ask that the services of the President, Municipal Commission, Bangalore, may be made available in view to his serving on the proposed committee.

President.

General Officer Commanding Bangalore District.

Members.

President, Municipal Commission, Bangalore.
Executive Engineer, Military Works, Bangalore Division.

No. 26. *From General Sir H. N. D. PRENDERGAST*, K.C.B., *V.C., R.E., Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 20th February* 1892, *No.* 597–276-5.

In reply to your letter No. 1064, dated the 16th February 1892, I have the honour to state that the President, Municipal Commission, Civil and Military station of Bangalore, has been instructed to serve on the proposed committee appointed to consider what portion of the upkeep of the roads should be borne by the Military Department and what portion by the Municipality.

No. 1279.

Copy forwarded for the information of His Excellency the Commander-in-Chief with reference to Military Department letter No. 1063, dated 16th February 1892.

(By Order.)

FORT ST. GEORGE,
24*th February* 1892.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General.

No. 27. *From Brigdr.-Genl. E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund,* 19*th March* 1892, *No.* 551-*MW (Cantonments—Roads).*

With reference to para. 1 of Military Department letter No. 1063 of 16th February 1892, I am desired to forward, for the information of Government, a copy of a letter * from the Executive Engineer, Bangalore Division, Military Works, to the Chief Engineer, Madras Command, Military Works, regarding the maintenance of military roads in the Cantonment of Bangalore, and to state that Sir James Dormer concurs in the opinion of the Executive Engineer that the present cost of upkeep, viz., Rs. 420 per mile per annum, is the lowest possible figure at which these roads can on an average be maintained in good order, and that in the future His Excellency considers an increase to the present expenditure may be found necessary owing to increased vehicular traffic.

* No. 799 of 7th March 1892.

From Major H. S. ANDREWS-SPEED, R.E., Executive Engineer, Bangalore Division, Military Works, to the Chief Engineer, Madras Command, Military Works, dated 7th March 1892, No. 799.

In reply to your No. 1570 of the 2nd March, I have the honour to state that the total mileage of military roads in Bangalore is 21 miles.

This length does not include the roads within regimental or departmental lines, the cost of repairs to which has not hitherto been borne against the grant for upkeep of military roads.

The present cost of maintenance, that is, both renewals and repairs, is at the rate of Rs. 420 per mile.

2. As the question of cost is asked in connection with the subject of handing over all municipal roads in Bangalore to the Military Works, I would point out that under regulations the maximum width of metal on military roads is limited to 16 feet, whereas municipal roads are metalled almost their entire width.

3. The rate per mile for normal upkeep is higher now than in the years 1880-84 for the following reasons:—

(i) The amount of annual renewals is put down now as 3 miles of length of road per annum.

The average of the years above mentioned was under 2½ mil

(ii) A portion of the increase is also due to the enhanced rates for road material, viz.—

	1883-84.			1891-92.		
	RS.	A.	P.	RS.	A.	P.
Stone jelly per 100 cubic feet	6	0	4	6	7	8
Laterite	6	0	0	6	15	0
Gravel	1	13	9	2	8	9

(iii) A greater amount of maintenance is now required than formerly, due to more vehicular traffic consequent on increase of the station within municipal limits.

(iv) My experience in connection with the maintenance of the military roads is limited to a period of less than a year. Furthermore, this year in question has been unfavorable to the roads on account of its extreme dryness. Possibly with a longer experience I might modify my views as regards the annual amount now considered necessary. But I fear that longer experience will only convince me that it is impossible to have good roads if renewals occur only once in seven years. I do not think that 3" of metal on a road with average traffic on it can have longer life than five years. Our present estimates are based on a renewal of metal to an extent of three miles of road every year.

No. 28. *From General Sir H. N. D. PRENDERGAST,* K.C.B., *V.C., R.E., Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 17th March* 1892, *No.* 880-276-5.

D. 34

With reference to my letter No. 3870-276-85, dated the 16th December 1891, I have the honour to point out that para. 6 of the above letter seems to have been misunderstood; in that paragraph I intended to suggest, 1st, that all the roads in the Civil and Military station should be placed under one Engineer; 2nd, that a representative committee should decide what proportion should be paid for the upkeep of the military roads, the municipal roads and the suburban roads.

2. It would have been better if I had proposed that the committee should recommend what proportion should be paid by the different funds, as the matter would be beyond their powers to decide.

3. I certainly would not propose that all the roads in the Civil and Military station of Bangalore should be maintained by the Military Works Department, for I believe that the Executive Engineer of the Municipality has better appliances and more time at his disposal than the Executive Engineer, Military Works, and he is an Engineer of experience quite qualified to do the work. I am also under the impression that the Executive Engineer, Military Works, would not wish to have his cares increased, and am sure that the Municipality would prefer to have their roads maintained by their own Engineer.

4. The committee might, if deemed advisable by the Madras Government, record an opinion as regards placing all the roads under one Engineer and, if in favour of the measure, they might state which Engineer they would prefer to place in charge of them.

5. I have requested the General Officer Commanding to defer action regarding the committee till the receipt of further orders.

No. 2030.

Referred to His Excellency the Commander-in-Chief for favour of remarks with advertence to Quarter Master General's letter No. 163-MW, dated 28th January 1892.

2. It will be seen that the General Officer Commanding Bangalore District has been requested to defer the assembly of the proposed committee pending further orders of Government.

(By Order.)

FORT ST. GEORGE,
24th March 1892.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General.

No. 29. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 9th April* 1892, *No.* 707-*MW* (*Cantonments—Roads*).

In returning correspondence received with your Reference Order No. 2030 of the 24th March last, I am desired by His Excellency the Commander-in-Chief to state that the Director-General, Military Works, has intimated his disapproval of Executive Engineers, Military Works, having charge of bazaar roads, as this involves the maintenance of the side ditches which will be found to lead on to questions of sanitation, &c., and other numerous requirements. Under these circumstances and as both on the score of efficiency and economy there would seem to be a great advantage in the maintenance of all the roads in the Civil and Military station of Bangalore being in the care of one Engineer, His Excellency considers that the Engineer of that Municipality might well be charged with the upkeep of all the military roads in the station, the Military Department paying over to the Municipal Commissioners the rateable sum decided upon as its share.

2. At the same time Sir James Dormer would suggest that this arrangement should be tried for a fixed period only, say three years, at the expiration of which, if found to work well, it could be renewed for a further term of years.

3. The roads should be repaired and renewals made according to a previously determined programme and according to a certain specification and at certain rates, the work done on each being verified in the usual manner by measurement so as to ensure the full worth of the amount contributed being obtained. As, however, it is a question whether the Government of India will agree to maintain a greater breadth than 16 feet of metalling on any of the military roads, the cost of fully metalling, or over this breadth any roads broader than this, if considered desirable, would apparently have to be borne by the Municipality.

No. 30. *From Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Fort St. George, 25th April* 1892, *No.* 2662.

I am directed to acknowledge the receipt of your letter No. 880–276-5, dated 17th March 1892, and, with reference thereto, to forward the accompanying copy of a letter from the Quarter Master General, Madras Army, and to say that the Government of Madras has no objection to the military roads in the Civil and Military station of Bangalore being placed under the control of the Executive Engineer of the Municipality, the Military Department paying over to the Municipality the rateable sum which may eventually be decided upon as its share.

No. 707-MW, dated 9th April 1892.

2. I am also to say that the Government approves Sir James Dormer's suggestion in para. 2 of the Quarter Master General's letter, viz., that the above arrangement should be tried for three years, at the end of which, if found to work well, it could be renewed for a further term of years.

3. I am at the same time to invite attention to the remarks in para. 3 of the Quarter Master General's letter.

4. His Excellency the Commander-in-Chief will be requested to issue instructions for the committee appointed in my letter No. 1064, dated 16th February 1892, being convened as early as possible.

No. 2663.

Copy forwarded to His Excellency the Commander-in-Chief with a request that that the Committee alluded to in para. 4 of the above letter may be convened at an early date.

(By Order.)

FORT ST. GEORGE,
25*th April* 1892.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General.

No. 31. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 8th July 1892, No. 1357-MW (Cantonments —Roads).*

With reference to Proceedings of Madras Government No. 2663 of 25th April 1892, I am desired to forward, for the information of Government, the Proceedings of a Committee which assembled on the 7th May and again on the 18th June 1892 for the purpose of considering the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality, and, with reference to the Executive Engineer's proposal (*c*) as embodied in the Proceedings of the Committee which assembled on the latter date, to state that the Commander-in-Chief considers it would be sufficient if the Chief Engineer, Military Works, were furnished from time to time with certificates that certain quantities of metal have been collected and stacked at the sides of the roads to be metalled, &c., and that it is being, or will be, used for that purpose.

PROCEEDINGS of a Committee assembled at Bangalore on the 18th June 1892 by order of His Excellency the Commander-in-Chief, Madras Army, for the purpose of reconsidering the question of the conditions under which the military roads in the Cantonment of Bangalore might be handed over to the Municipality.

President.

Brigadier-General E. FAUNCE, C.B, Commanding Bangalore District.

Members.

Colonel H. M. S. MAGRATH, President, Municipal Commission, Civil and Military station, Bangalore.

Captain B. R. WARD, R E., Executive Engineer, Bangalore Division, Military Works Department.

The Committee having assembled pursuant to order, proceed to discuss the matter under consideration.

2. The following proposals were laid before the committee by the Executive Engineer, Military Works, as conditions under which the transfer of the Military roads to the Municipality might be effected in addition to those approved at the first meeting of the committee on the 7th May 1892 :—

(*a*) The specifications as to collection of metal, consolidation and maintenance to accord with those laid down in section VII of the standard specifications in the Madras Presidency.

(*b*) All remetalling work to be consolidated under a steam roller.

(*c*) As the only effectual check on road-metalling work is the measurement of metal when collected at the side of the road, the Executive Engineer, Military Works, to be empowered to take such check-measurements as he may consider desirable, in company with the Municipal Executive Engineer, after giving due notice to the President, Municipal Commission.

(*d*) A report on the condition of the roads to be sent in annually by the Executive Engineer, Military Works, to the Chief Engineer, Military Works.

3. The above proposals are concurred in by the other members of the committee with the exception of (c) which, it is considered, should be left to the Municipal Executive Engineer.

(Signed) E. FAUNCE, Brigdr.-Genl.,
Commanding Bangalore District.

(„) H. M. S MAGRATH, Colonel,
President, Municipal Commission,
Civil and Military Station, Bangalore.

(„) B. R. WARD, Captain, R.E.,
Executive Engineer, Bangalore Division,
Military Works.

PROCEEDINGS of a Committee assembled at Bangalore on the 7th May 1892 by order of His Excellency the Governor of Madras for the purpose of discussing the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality.

President.

Brigadier-General E. FAUNCE, C.B., Commanding Bangalore District.

Members.

Colonel H. M. S. MAGRATH, President, Municipal Commission.

Captain B. R. WARD, R.E., Executive Engineer, Military Works.

The Committee having assembled pursuant to order, proceed to discuss the question and make the following recommendations:—

1*st.*—That it is most desirable, on the grounds of efficiency and economy, that all the roads in the Civil and Military station of Bangalore should be under the charge of one Engineer:

2*nd.*—That the military roads, the approximate length of which is 20 miles, should be handed over for a period of 3 years to the Municipality.

3*rd.*—That a sum of Rs. 420 per mile per annum be paid over at the commencement of each official year to the President of the Municipal Commission for their upkeep. This annual grant is to include provision for the renewal of metal as well as ordinary maintenance.

4*th.*—Renewals of metal are not to exceed 16 feet in width; any greater width of metalling which may be carried out to suit the convenience of the public should be charged to Municipal funds.

5*th.*—A diagram of roads, showing proposed programme of remetalling for each year, to be kept up and sent to the Executive Engineer, Military Works, annually by the 1st of April.

(Signed) E. FAUNCE, Brigdr.-Genl.,
Commanding Bangalore District.

(„) H. M. S. MAGRATH, Colonel,
President, Municipal Commission,
Civil and Military Station Bangalore.

(„) B. R. WARD, Captain, R.E.,
Executive Engineer, Bangalore Division,
Military Works.

No. 32. *From Brigadier-General H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Ootacamund, 20th July* 1892, *No.* 4469.

With reference to my letter No. 2662, dated 25th April 1892, on the subject of the future maintenance of the military roads in the Civil and Military station of Bangalore, I am directed to forward copy of letter * No. 1357-MW, dated 8th July 1892, from the Quarter Master General, Madras Army, and to ask whether you concur in the several recommendations of the committee and the amendment proposed by His Excellency the Commander-in-Chief.

* With Proceedings of Committee, dated 7th May and 18th June 1892.

2. The favour of return of the Committee's Proceedings with your reply is requested.

No. 33. *From the Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 3rd August* 1892, *No.* 2596-276-85.

In reply to your letter No. 4469, dated the 20th July 1892, regarding the future maintenance of the military roads in the Civil and Military station of Bangalore, I have the honour to state that I concur in the several recommendations of the committee and the amendment proposed by His Excellency the Commander-in-Chief.

2. The original enclosures to your letter are herewith returned.

No. 34. *Telephonic message from the Secretary to Government, Military Department, to the Quarter Master General, Madras Army, Ootacamund; dated Ootacamund, 15th August* 1892, *No.* 5054.

Correspondence ending your 1357-MW of 8th July. Please report whether provision has been made in Madras Military Works budget for the sum of Rs. 8,400 to meet expenditure in connection with the maintenance of the military roads in the Civil and Military station of Bangalore.

No. 35. *Telephonic message from the Quarter Master General, Madras Army, Ootacamund, to the Secretary to Government, Military Department; dated 15th August* 1892, *No.* 2-*MW.*

Your 5054 of this date. A sum of Rs. 8,700 to meet expenditure on military roads in the Civil and Military station of Bangalore—*vide* pages 70 and 71 of final issue, Madras, Military Works budget, for current year.

No. 36. ORDER THEREON, 3 September 1892, No. 5509.

The Right Honorable the Governor in Council is pleased, on the recommendation of His Excellency the Commander-in-Chief and of the committee specially appointed for the purpose of considering the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality, to approve of the following proposals connected therewith:—

(*a*) That all the roads in the Civil and Military station of Bangalore should be under the charge of the Executive Engineer of the Bangalore Municipality, the Military Department paying to the Municipal Commission the rateable sum decided upon as its share.

(*b*) That the military roads, the approximate length of which is 20 miles, should be handed over for a period of 3 years to the Municipality, at the expiration of which period, if found to work well, the arrangement could be renewed for a further term of years.

(*c*) That a sum of Rs. 420 per mile per annum be paid at the commencement of each official year to the President of the Municipal Commission for their upkeep, this grant to include provision for the renewal of metal as well as ordinary maintenance.

(*d*) That the renewal of metal is not to exceed 16 feet in width, any greater width of metalling which may be carried out to suit the convenience of the public being charged to Municipal funds.

(*e*) A diagram of roads, showing proposed programme of remetalling for each year, to be kept up and sent to the Executive Engineer, Military Works, annually on the 1st April.

(*f*) The specifications as to collection of metal, consolidation and maintenance to accord with those laid down in section VII of the standard specification in the Madras Presidency.

(*g*) All remetalling work to be consolidated under a steam roller.

(*h*) The Chief Engineer, Military Works, to be furnished from time to time with certificates that certain quantities of metal have been collected and stacked at the sides of the roads to be metalled and that it is being or will be used for that purpose.

2. The foregoing proposals have been concurred in by the Resident, Mysore, to whom a copy of these Proceedings will be forwarded.

(True Extract.)

(Signed) H. R. HOPE, Brigdr.-Genl.;
Secretary to Government.

To the Quarter Master General, with two plans.

No. 37. No. 5510.

Copy of the above forwarded to the Resident in Mysore for information.

(By Order.)

Brigdr.-Genl.,
Secretary to Government.

Exd. C. A. Moonswamy.

Govt. of {1892} Madras.

MILITARY.

To

THE RESIDENT IN MYSORE.

Dated September,

Issued

Recd. *Encl.*

3rd September 1892, No. 5370.

SEPTEMBER.

Nos. 20-37

Cantonments.

Bangalore.—Certain proposals in connection with the question of handing over the military roads in the Civil and Military station of — to the Municipality approved, and the Proceedings forwarded for the information of the Resident in Mysore.

MILITARY DEPARTMENT, 23rd SEPTEMBER 1892, No.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

Cantonments.

Read the following papers :—

No. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. A. KENNEY-HERBERT, Secretary to Government, Military Department; dated Ootacamund, 14th August* 1891, *No.* 1865-*MW* (*Cantonments—Roads*).

With reference to G.O., No. 1941 of 4th April 1891 regarding the maintenance of the military roads in the station of Bangalore by the Military Works Department, I am desired by the Commander-in-Chief to submit, for the favorable consideration of Government and in view to the concurrence of the Resident at Mysore being obtained to the measure, the accompanying letter, with two tracings, from the Chief Engineer, Military Works, containing a proposal that certain roads at the above-named station should cease to be maintained from Imperial funds and that they should be kept up by the Municipality from its own revenues.

No. 5968, dated 14th July 1891.

2. His Excellency is not aware of the circumstances under which all the roads enumerated in G.O., No. 647-W † of 17th March 1885 have hitherto been maintained from Imperial funds prior to the date of the above-quoted Government Order by the Public Works Department and subsequent to that date and up to March last by the Municipality, but Sir James Dormer is of opinion that those roads enumerated in Chief Engineer, Military Works' letter, which are not in any way connected with the needs of the garrison of the above station, should be kept in repair from Local Funds.

† Military Department No. 1584 of 24th idem.

5178

From Lieutenant-Colonel W. P. TOMKINS, C.I.E., R.E., Chief Engineer, Madras Command, Military Works, to the Quarter Master General, Madras Army, Ootacamund; dated Ootacamund, 14th July 1891, No. 5968.

I have the honour to submit the following case for the consideration of His Excellency the Commander-in-Chief.

2. It appears from G.O., dated 17th March 1885, No. 647-W, Public Works, that the roads in Bangalore therein detailed had for some time previous been maintained by the Government of Madras as Imperial military roads.

3. I enclose a tracing, marked I, which shows these roads colored red, while those maintained by the Municipal Commission are colored blue.

4. A number of these roads do not seem to be in any special way connected with the needs of the troops and should more properly be maintained by the Municipality. The General Officer Commanding considers that the following roads should cease to be maintained from Imperial funds and should be maintained by the Municipality from its own revenues. I enclose a plan, marked II, with these roads colored yellow and beginning from the left they are—

(1) Infantry cross road.
(2) Ice road.
(3) Jail road.
(4) Roads north and south of St. Mark's Square.
(5) St. Mark's road.
(6) New Market cross road.
(7) Infantry road.
(8) Osborne road.
(9) ,, cross road.
(10) Compensation road.
(11) South Parade road.

I certainly do not think our funds should be saddled with the repairs of these roads.

5. Should His Excellency be pleased to concur with these views, I would suggest that the Government of Madras might be moved to address the Resident in Mysore on the subject.

No. *To the Resident in Mysore; dated 28th August* 1891, *No.* 4769.

No. *From General Sir H. N. D. PRENDERGAST*, K.C.B., *V.C., R.E., Officiating Resident in Mysore, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 16th December* 1891, *No.* 3870-276-85.

I have the honour to acknowledge the receipt of your No. 4769, dated the 28th of August 1891, on the subject of certain roads in the station of Bangalore, which it is proposed should be kept up from municipal revenues.

2. In reply, I have to say that in my opinion it would not be advisable to transfer these roads to the Municipal funds, *first*, because the present state of the Municipal funds will not bear the cost of any more roads than are already kept up by them, and, *secondly*, that although these roads may not be used entirely by or in any special way connected with the needs of the troops; still their use by the troops is more than a convenience, as, for instance, the South Parade road which leads to Trinity and St. Mark's churches, to the Officers' library and to the principal shops, and is more largely used by the military than by the civil population.

3. Moreover, there are many roads now maintained by the Municipality which seem, as their names imply, indispensable to the use of the garrison, and their claim to transfer to Military funds might with some justice be urged.

4. I have to point out that if proposals by the Government of Madras were carried out, none of the mounted troops could reach the general parade ground without moving along municipal roads, as, for instance, the Royal Horse Artillery have no egress from their lines except by non-military road, and communication between the transport lines and British Infantry, Native Infantry, Sappers and Commissariat officers, and that between the dismounted corps and the Brigade ground and Agram, pass also over civil roads.

5. The present classification of the roads is based on the sources from which upkeep is met, and the several classes of roads are in many parts of the station intermingled and involve three separate stocks of material and three separate accounts, as, for instance, the three roads round the General Post office—the one on the east is municipal, that on north, military, and that on south-west, suburban (*i.e.*, maintained from the surplus revenues of the assigned tract).

6. With a view to avoid some confusion, I would propose, for the consideration of His Excellency the Governor in Council, that, instead of the transfer to the Municipality of the proposed roads, all the roads should be under one Engineer, and that the Military Department and funds which now bear the cost of the suburban and municipal roads shall subscribe rateably for their upkeep and that a representative committee shall decide what proportion should be paid by each fund.

7. The original enclosures of your letter are herewith returned.

No. 7269.

Referred to His Excellency the Commander-in-Chief for favour of opinion with advertence to para. 6 of the Resident's letter.

(By Order.)

FORT ST. GEORGE,
18*th December* 1891.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General, with reference to his letter No. 1865-MW, dated 14th August 1891.

No. *From Brigadier-General E. H. EYRE, Quarter Master General Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 28th January* 1892, *No.* 163-*MW (Cantonments—Roads).*

In returning as requested the correspondence forwarded to this office with Military Department No. 7269 of the 18th ultimo, I am desired, in reply, to say that the Commander-in-Chief concurs in the proposal contained in para. 6 of the Resident's letter, viz., that all roads in the Civil and Military station of Bangalore be maintained by the Military Works Department, and recommends that a committee composed of the General Officer Commanding Bangalore District as President and the President of the Municipal Commission and the Executive Engineer, Military Works as members be convened for the purpose of considering what portion of the cost of the upkeep of the roads shall be borne by the Military Department and what portion by the Municipality, &c.

2. His Excellency is of opinion that after the transfer of the maintenance of the roads in question to the Military Works Department has been effected, all contributions for their upkeep should be made punctually and paid into the treasury to the credit of the Executive Engineer and not to any committee.

No. *From Brigdr-Genl. H. R. HOPE, Secretary to Government, Military Department, to the Quarter Master General, Madras Army, Ootacamund; dated Fort St. George, 16th February* 1892, *No.* 1063.

With reference to your letter No. 163-MW, dated 28th January 1892, I am directed to request that, under the orders of His Excellency the Commander-in-Chief, Government may be informed what is the present cost of maintenance of the military roads in the station of Bangalore and their length.

2. I am also to say that the Right Honorable the Governor in Council approves the recommendation of Sir James Dormer to convene a committee composed of the officers named in the margin to consider what portion of the cost of the upkeep of the roads should be borne by the Military Works Department and what portion by the Municipality, &c. The length of the several roads should be stated.

President.

General Officer Commanding Bangalore District.

Members.

President, Municipal Commission, Bangalore.
Executive Engineer, Military Works, Bangalore Division.

3. The Resident in Mysore has been asked to make available the services of the President, Municipal Commission, Bangalore, to serve on the proposed committee.

4. Final orders will be passed on receipt of the committee's report.

No. *From Brigadier-General H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Fort St. George, 16th February* 1892, *No.* 1064.

With reference to para. 6 of your letter No. 3870–276-85, dated 16th December 1891, I am directed to inform you that His Excellency the Commander-in-Chief has been requested to convene a committee composed of the officers named in the margin for the purpose of considering what portion of the upkeep of the roads should be borne by the Military Works Department and what portion by the Municipality, &c., and I am to ask that the services of the President, Municipal Commission, Bangalore, may be made available in view to his serving on the proposed committee.

President.

General Officer Commanding Bangalore District.

Members.

President, Municipal Commission, Bangalore.
Executive Engineer, Military Works, Bangalore Division.

No. *From General Sir H. N. D. PRENDERGAST*, K.C.B., *V.C., R.E., Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 20th February* 1892, *No.* 597–276-5.

In reply to your letter No. 1064, dated the 16th February 1892, I have the honour to state that the President, Municipal Commission, Civil and Military station of Bangalore, has been instructed to serve on the proposed committee appointed to consider what portion of the upkeep of the roads should be borne by the Military Department and what portion by the Municipality.

No. 1279.

Copy forwarded for the information of His Excellency the Commander-in-Chief with reference to Military Department letter No. 1063, dated 16th February 1892.

(By Order.)

FORT ST. GEORGE, *24th February* 1892.

(Signed) H. R. HOPE, Brigdr.-Genl., *Secretary to Government.*

To the Quarter Master General.

No. *From Brigdr.-Genl. E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 19th March* 1892, *No.* 551-*MW (Cantonments—Roads).*

With reference to para. 1 of Military Department letter No. 1063 of 16th February 1892, I am desired to forward, for the information of Government, a copy of a letter * from the Executive Engineer, Bangalore Division, Military Works, to the Chief Engineer, Madras Command, Military Works, regarding the maintenance of military roads in the Cantonment of Bangalore, and to state that Sir James Dormer concurs in the opinion of the Executive Engineer that the present cost of upkeep, viz., Rs. 420 per mile per annum, is the lowest possible figure at which these roads can on an average be maintained in good order, and that in the future His Excellency considers an increase to the present expenditure may be found necessary owing to increased vehicular traffic.

* No. 799 of 7th March 1892.

From Major H. S. ANDREWS-SPEED, R.E., Executive Engineer, Bangalore Division, Military Works, to the Chief Engineer, Madras Command, Military Works, dated 7th March 1892, No. 799.

In reply to your No. 1570 of the 2nd March, I have the honour to state that the total mileage of military roads in Bangalore is 21 miles.

This length does not include the roads within regimental or departmental lines, the cost of repairs to which has not hitherto been borne against the grant for upkeep of military roads.

The present cost of maintenance, that is, both renewals and repairs, is at the rate of Rs. 420 per mile.

2. As the question of cost is asked in connection with the subject of handing over all municipal roads in Bangalore to the Military Works, I would point out that under regulations the maximum width of metal on military roads is limited to 16 feet, whereas municipal roads are metalled almost their entire width.

3. The rate per mile for normal upkeep is higher now than in the years 1880-84 for the following reasons:—

(i) The amount of annual renewals is put down now as 3 miles of length of road per annum.

The average of the years above mentioned was under 2½ miles.

(ii) A portion of the increase is also due to the enhanced rates for road material, viz.—

	1883-84.			1891-92.		
	RS.	A.	P.	RS.	A.	P.
Stone jelly per 100 cubic feet	6	0	4	6	7	8
Laterite	6	0	0	6	15	0
Gravel	1	13	9	2	8	9

(iii) A greater amount of maintenance is now required than formerly, due to more vehicular traffic consequent on increase of the station within municipal limits.

(iv) My experience in connection with the maintenance of the military roads is limited to a period of less than a year. Furthermore, this year in question has been unfavorable to the roads on account of its extreme dryness. Possibly with a longer experience I might modify my views as regards the annual amount now considered necessary. But I fear that longer experience will only convince me that it is impossible to have good roads if renewals occur only once in seven years. I do not think that 3" of metal on a road with average traffic on it can have longer life than five years. Our present estimates are based on a renewal of metal to an extent of three miles of road every year.

No. *From General Sir H. N. D. PRENDERGAST*, K.C.B., *V.C., R.E., Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 17th March* 1892, *No.* 880-276-5.

With reference to my letter No. 3870-276-85, dated the 16th December 1891, I have the honour to point out that para. 6 of the above letter seems to have been misunderstood; in that paragraph I intended to suggest, 1st, that all the roads in the Civil and Military station should be placed under one Engineer; 2nd, that a representative committee should decide what proportion should be paid for the upkeep of the military roads, the municipal roads and the suburban roads.

2. It would have been better if I had proposed that the committee should recommend what proportion should be paid by the different funds, as the matter would be beyond their powers to decide.

3. I certainly would not propose that all the roads in the Civil and Military station of Bangalore should be maintained by the Military Works Department, for I believe that the Executive Engineer of the Municipality has better appliances and more time at his disposal than the Executive Engineer, Military Works, and he is an Engineer of experience quite qualified to do the work. I am also under the impression that the Executive Engineer, Military Works, would not wish to have his cares increased, and am sure that the Municipality would prefer to have their roads maintained by their own Engineer.

4. The committee might, if deemed advisable by the Madras Government, record an opinion as regards placing all the roads under one Engineer and, if in favour of the measure, they might state which Engineer they would prefer to place in charge of them.

5. I have requested the General Officer Commanding to defer action regarding the committee till the receipt of further orders.

No. 2030.

Referred to His Excellency the Commander-in-Chief for favour of remarks with advertence to Quarter Master General's letter No. 163-MW, dated 28th January 1892.

2. It will be seen that the General Officer Commanding Bangalore District has been requested to defer the assembly of the proposed committee pending further orders of Government.

(By Order.)

FORT ST. GEORGE,
24*th March* 1892.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General.

The Committee having assembled pursuant to order, proceed to discuss the question and make the following recommendations:—

1*st*.—That it is most desirable, on the grounds of efficiency and economy, that all the roads in the Civil and Military station of Bangalore should be under the charge of one Engineer.

2*nd*.—That the military roads, the approximate length of which is 20 miles, should be handed over for a period of 3 years to the Municipality.

3*rd*.—That a sum of Rs. 420 per mile per annum be paid over at the commencement of each official year to the President of the Municipal Commission for their upkeep. This annual grant is to include provision for the renewal of metal as well as ordinary maintenance.

4*th*.—Renewals of metal are not to exceed 16 feet in width; any greater width of metalling which may be carried out to suit the convenience of the public should be charged to Municipal funds.

5*th*.—A diagram of roads, showing proposed programme of remetalling for each year, to be kept up and sent to the Executive Engineer, Military Works, annually by the 1st of April.

(Signed) E. FAUNCE, Brigdr.-Genl.,
Commanding Bangalore District.

(„) H. M. S. MAGRATH, Colonel,
President, Municipal Commission,
Civil and Military Station Bangalore.

(„) B. R. WARD, Captain, R.E.,
Executive Engineer, Bangalore Division,
Military Works.

No. *From Brigadier-General H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Ootacamund, 20th July* 1892, *No.* 4469.

With reference to my letter No. 2662, dated 25th April 1892, on the subject of the future maintenance of the military roads in the Civil and Military station of Bangalore, I am directed to forward copy of letter * No. 1357-MW, dated 8th July 1892, from the Quarter Master General, Madras Army, and to ask whether you concur in the several recommendations of the committee and the amendment proposed by His Excellency the Commander-in-Chief.

* With Proceedings of Committee, dated 7th May and 18th June 1892.

2. The favour of return of the Committee's Proceedings with your reply is requested.

No *From the Officiating Resident in Mysore, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Bangalore, 3rd August* 1892, *No.* 2596-276-85.

In reply to your letter No. 4469, dated the 20th July 1892, regarding the future maintenance of the military roads in the Civil and Military station of Bangalore, I have the honour to state that I concur in the several recommendations of the committee and the amendment proposed by His Excellency the Commander-in-Chief.

2. The original enclosures to your letter are herewith returned.

No. *Telephonic message from the Secretary to Government, Military Department, to the Quarter Master General, Madras Army, Ootacamund; dated Ootacamund, 15th August* 1892, *No.* 5054.

Correspondence ending your 1357-MW of 8th July. Please report whether provision has been made in Madras Military Works budget for the sum of Rs. 8,400 to meet expenditure in connection with the maintenance of the military roads in the Civil and Military station of Bangalore.

No. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Ootacamund, 9th April* 1892, *No.* 707-*MW (Cantonments—Roads).*

In returning correspondence received with your Reference Order No. 2030 of the 24th March last, I am desired by His Excellency the Commander-in-Chief to state that the Director-General, Military Works, has intimated his disapproval of Executive Engineers, Military Works, having charge of bazaar roads, as this involves the maintenance of the side ditches which will be found to lead on to questions of sanitation, &c., and other numerous requirements. Under these circumstances and as both on the score of efficiency and economy there would seem to be a great advantage in the maintenance of all the roads in the Civil and Military station of Bangalore being in the care of one Engineer, His Excellency considers that the Engineer of that Municipality might well be charged with the upkeep of all the military roads in the station, the Military Department paying over to the Municipal Commissioners the rateable sum decided upon as its share.

2. At the same time Sir James Dormer would suggest that this arrangement should be tried for a fixed period only, say three years, at the expiration of which, if found to work well, it could be renewed for a further term of years.

3. The roads should be repaired and renewals made according to a previously determined programme and according to a certain specification and at certain rates, the work done on each being verified in the usual manner by measurement so as to ensure the full worth of the amount contributed being obtained. As, however, it is a question whether the Government of India will agree to maintain a greater breadth than 16 feet of metalling on any of the military roads, the cost of fully metalling, or over this breadth any roads broader than this, if considered desirable, would apparently have to be borne by the Municipality.

No. *From Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department, to the Resident in Mysore; dated Fort St. George, 25th April* 1892, *No.* 2662.

I am directed to acknowledge the receipt of your letter No. 880-276-5, dated 17th March 1892, and, with reference thereto, to forward the accompanying copy of a letter from the Quarter Master General, Madras Army, and to say that the Government of Madras has no objection to the military roads in the Civil and Military station of Bangalore being placed under the control of the Executive Engineer of the Municipality, the Military Department paying over to the Municipality the rateable sum which may eventually be decided upon as its share.

No. 707-MW, dated 9th April 1892.

2. I am also to say that the Government approves Sir James Dormer's suggestion in para. 2 of the Quarter Master General's letter, viz., that the above arrangement should be tried for three years, at the end of which, if found to work well, it could be renewed for a further term of years.

3. I am at the same time to invite attention to the remarks in para. 3 of the Quarter Master General's letter.

4. His Excellency the Commander-in-Chief will be requested to issue instructions for the committee appointed in my letter No. 1064, dated 16th February 1892, being convened as early as possible.

No. 2663.

Copy forwarded to His Excellency the Commander-in-Chief with a request that that the Committee alluded to in para. 4 of the above letter may be convened at an early date.

(By Order.)

FORT ST. GEORGE,
25th April 1892.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General.

No. *From Brigadier-General E. H. EYRE, Quarter Master General, Madras Army, to Brigdr.-Genl. H. R. HOPE, Secretary to Government, Military Department; dated Ootaçamund, 8th July* 1892, *No.* 1357-*MW* (*Cantonments —Roads*).

With reference to Proceedings of Madras Government No. 2663 of 25th April 1892, I am desired to forward, for the information of Government, the Proceedings of a Committee which assembled on the 7th May and again on the 18th June 1892 for the purpose of considering the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality, and, with reference to the Executive Engineer's proposal (*c*) as embodied in the Proceedings of the Committee which assembled on the latter date, to state that the Commander-in-Chief considers it would be sufficient if the Chief Engineer, Military Works, were furnished from time to time with certificates that certain quantities of metal have been collected and stacked at the sides of the roads to be metalled, &c., and that it is being, or will be, used for that purpose.

PROCEEDINGS of a Committee assembled at Bangalore on the 18th June 1892 by order of His Excellency the Commander-in-Chief, Madras Army, for the purpose of reconsidering the question of the conditions under which the military roads in the Cantonment of Bangalore might be handed over to the Municipality.

President.

Brigadier-General E. FAUNCE, C.B, Commanding Bangalore District.

Members.

Colonel. H. M. S. MAGRATH, President, Municipal Commission, Civil and Military station, Bangalore.

Captain B. R. WARD, R E., Executive Engineer, Bangalore Division, Military Works Department.

The Committee having assembled pursuant to order, proceed to discuss the matter under consideration.

2. The following proposals were laid before the committee by the Executive Engineer, Military Works, as conditions under which the transfer of the Military roads to the Municipality might be effected in addition to those approved at the first meeting of the committee on the 7th May 1892 :—

(*a*) The specifications as to collection of metal, consolidation and maintenance to accord with those laid down in section VII of the standard specifications in the Madras Presidency.

(*b*) All remetalling work to be consolidated under a steam roller.

(*c*) As the only effectual check on road-metalling work is the measurement of metal when collected at the side of the road, the Executive Engineer, Military Works, to be empowered to take such check-measurements as he may consider desirable, in company with the Municipal Executive Engineer, after giving due notice to the President, Municipal Commission.

(*d*) A report on the condition of the roads to be sent in annually by the Executive Engineer, Military Works, to the Chief Engineer, Military Works.

3. The above proposals are concurred in by the other members of the committee with the exception of (*c*) which, it is considered, should be left to the Municipal Executive Engineer.

(Signed) E. FAUNCE, Brigdr.-Genl.,
Commanding Bangalore District.

(„) H. M. S. MAGRATH, Colonel,
President, Municipal Commission, Civil and Military Station, Bangalore.

(„) B. R. WARD, Captain, R.E.,
Executive Engineer, Bangalore Division, Military Works.

PROCEEDINGS of a Committee assembled at Bangalore on the 7th May 1892 by order of His Excellency the Governor of Madras for the purpose of discussing the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality.

President.

Brigadier-General E. FAUNCE, C.B., Commanding Bangalore District.

Members.

Colonel H. M. S. MAGRATH, President, Municipal Commission.

Captain B. R. WARD, R.E., Executive Engineer, Military Works.

No. *Telephonic message from the Quarter Master General, Madras Army, Ootacamund, to the Secretary to Government, Military Department; dated 15th August* 1892, *No.* 2-*MW.*

Your 5054 of this date. A sum of Rs. 8,700 to meet expenditure on military roads in the Civil and Military station of Bangalore—*vide* pages 70 and 71 of final issue, Madras, Military Works budget, for current year.

No. 5504 ORDER THEREON, 30 September 1892, No.

The Right Honorable the Governor in Council is pleased, on the recommendation of His Excellency the Commander-in-Chief and of the committee specially appointed for the purpose of considering the question of handing over the military roads in the Civil and Military station of Bangalore to the Municipality, to approve of the following proposals connected therewith :—

(*a*) That all the roads in the Civil and Military station of Bangalore should be under the charge of the Executive Engineer of the Bangalore Municipality, the Military Department paying to the Municipal Commission the rateable sum decided upon as its share.

(*b*) That the military roads, the approximate length of which is 20 miles, should be handed over for a period of 3 years to the Municipality, at the expiration of which period, if found to work well, the arrangement could be renewed for a further term of years.

(*c*) That a sum of Rs. 420 per mile per annum be paid at the commencement of each official year to the President of the Municipal Commission for their upkeep, this grant to include provision for the renewal of metal as well as ordinary maintenance.

(*d*) That the renewal of metal is not to exceed 16 feet in width, any greater width of metalling which may be carried out to suit the convenience of the public being charged to Municipal funds.

(*e*) A diagram of roads, showing proposed programme of remetalling for each year, to be kept up and sent to the Executive Engineer, Military Works, annually on the 1st April.

(*f*) The specifications as to collection of metal, consolidation and maintenance to accord with those laid down in section VII of the standard specification in the Madras Presidency.

(*g*) All remetalling work to be consolidated under a steam roller.

(*h*) The Chief Engineer, Military Works, to be furnished from time to time with certificates that certain quantities of metal have been collected and stacked at the sides of the roads to be metalled and that it is being or will be used for that purpose.

2. The foregoing proposals have been concurred in by the Resident, Mysore, to whom a copy of these Proceedings will be forwarded.

(True Extract.)

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General, with two plans.

No. No.

Copy of the above forwarded to the Resident in Mysore for information.

(By Order.)

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

Exd. C. A. Moonswamy.

Govt. of {1892} Madras.

MILITARY

To

THE RESIDENT IN MYSORE.

Dated September,

Issued

Recd. *Encl.*

3 - September 1892, No. 5370

SEPTEMBER.

Nos. 20 - 37.

Cantonments.

Bangalore.—Certain proposals in connection with the question of handing over the military roads in the Civil and Military station of — to the Municipality approved, and the Proceedings forwarded for the information of the Resident in Mysore.

RESIDENT'S OFFICE.

Serial No. 43

[DRAFT]—For approval.

No. 2985/276-85. Enl.

Dated 10th Septr 1892.

To The President, Municipal Commissioner,
& ex Station of Bangalore

Sir,

With reference to correspondence ending with your letter No. 530 dated the 1st August 1892, I am directed to forward for information the accompanying copy of the proceedings of the Govt of Madras, Military Dept, approving certain proposals in connection with the question of handing over the Military ~~buildings~~ roads in the & ex Station of Bangalore to your Municipality.

I have, &c

Irish Actg Resident

With Encl.

S.40

S.42
† No. 5509 of 3rd Sept. 1892

AS 8-9-92